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LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

**1301 E. Webb Avenue
APN 139-23-812-025
North Las Vegas,
Clark County
Nevada**

- | Site Remediation
- | Soil & Groundwater Investigations
- | Closure Optimization
- | Air Quality Permitting & Modeling
- | Brownfields Redevelopment
- | Permitting & Compliance
- | Phase I Assessments
- | Storm Water & Spill Plans
- | Underground Tank Services
- | Toxic Release Inventory
- | Geographic Information Systems
- | Groundwater Modeling
- | Litigation Support & Expert Witness

*Contract DEP14-008
Task Number M10-15*

Prepared for:

*State of Nevada
Department of Conservation & Natural Resources
Division of Environmental Protection
901 South Stewart Street, Suite 3005
Carson City, Nevada 89701*

*On behalf of:
City of North Las Vegas*

September 16, 2015



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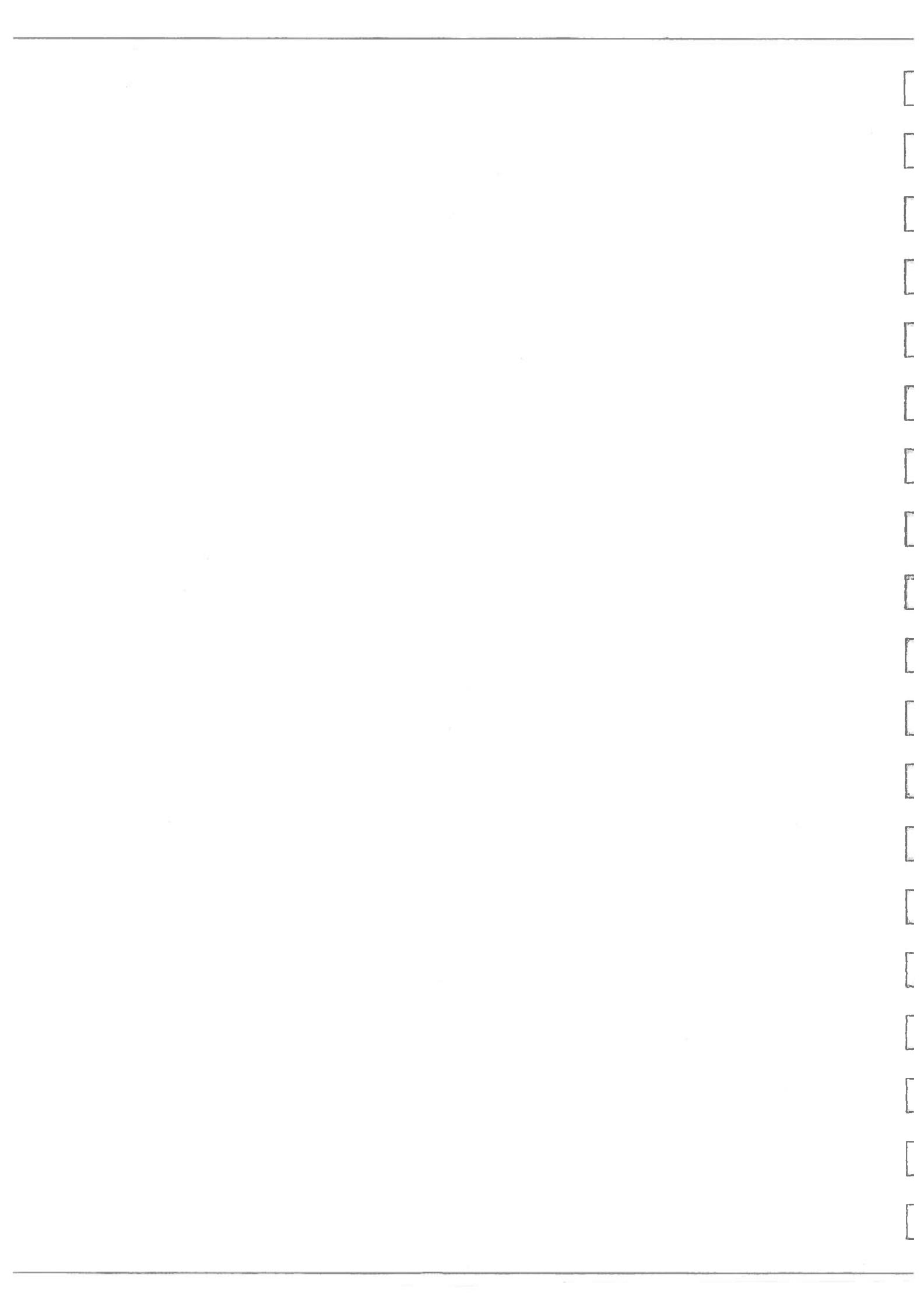
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1. INTRODUCTION

McGinley & Associates (MGA) conducted a Limited Phase II Environmental Site Assessment (ESA) for the subject property located at 1301 E. Webb Avenue in North Las Vegas, Nevada. The site lies on a parcel of land listed with Clark County, Nevada as Assessor's Parcel Number (APN) 139-23-812-025. These assessment activities were conducted on behalf of the City of North Las Vegas for the Nevada Division of Environmental Protection (NDEP) utilizing funding provided by the State of Nevada Brownfields Program (NBP), Contract DEP14-008, Task Number M10-15. MGA conducted this investigation for the purpose of investigating previously identified *recognized environmental conditions* (RECs) on the subject property. The site location is indicated in Figure 1.

2. OBJECTIVES

The objective of the ESA activities was to address the RECs identified during a previous Phase I ESA (MGA, March 2015) and to assess for the presence of regulated, hazardous, or potentially hazardous chemical constituents within the fenced rear yard of the subject property. As required by the State of Nevada Administrative Code (NAC) 459, all MGA services were supervised and reviewed by a Nevada Certified Environmental Manager (CEM).

3. SCOPE OF SERVICES

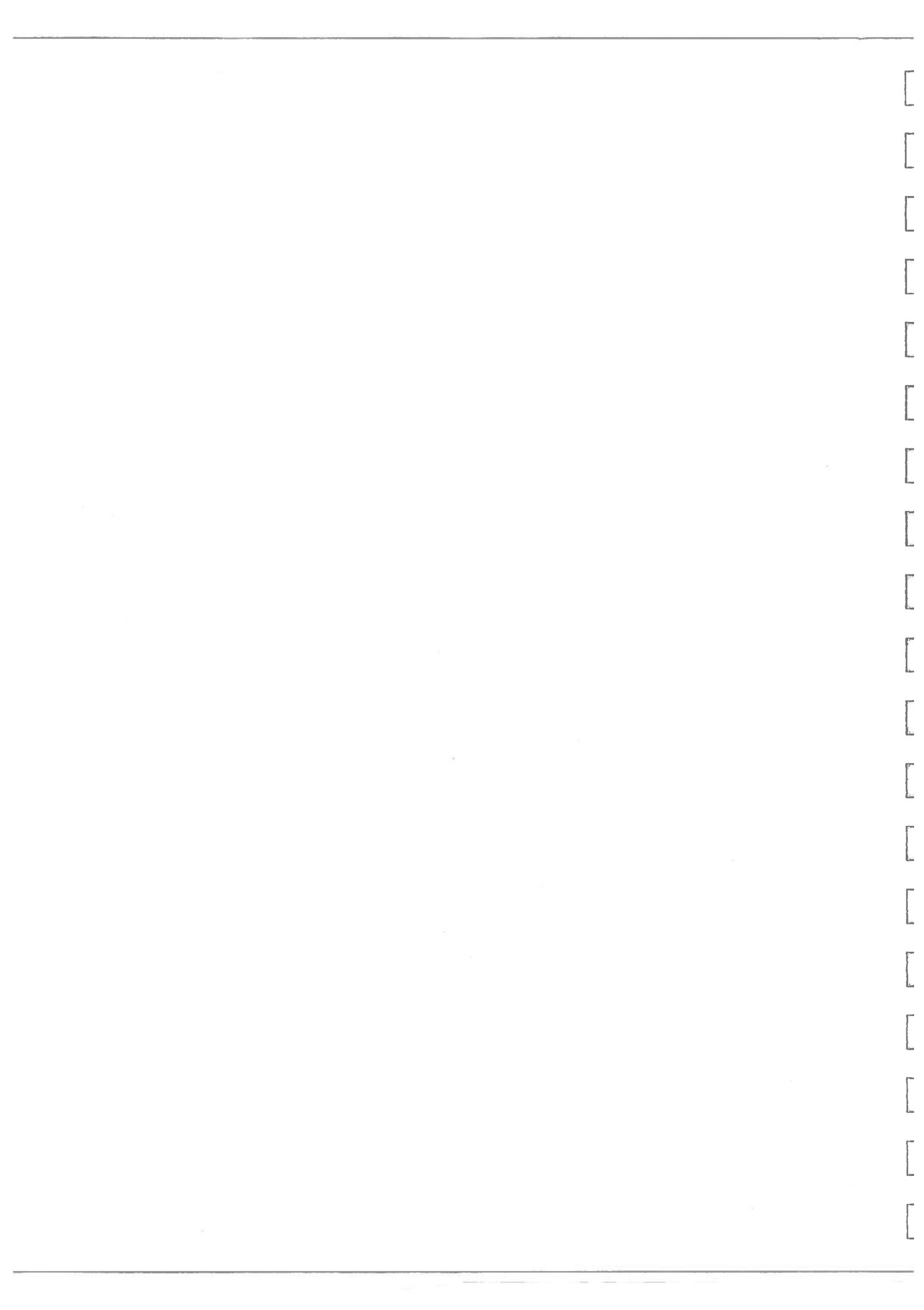
The ESA activities performed by MGA for the limited Phase II ESA consisted of the following:

- Conducting an asbestos and lead-based paint inspection;
- Advancing three soil borings using a hand auger;
- Collecting two soil samples from each soil boring;
- Analytical testing of all collected soil samples; and,
- Preparing a technical report complete with findings and recommendations.

4. BACKGROUND

In March of 2015, MGA conducted a Phase I ESA on the subject property for the NDEP on behalf of the City of North Las Vegas as part of the State of Nevada Brownfields Program (Contract DEP14-008, Task Number M05-14). The purpose of the Phase I ESA was to determine if any RECs were associated with the property on which the City of North Las Vegas has proposed to redevelop as a non-profit healthcare facility. The results of the Phase I ESA indicated that the following RECs were discovered:

- According to City of North Las Vegas employees, the parcel may have been used to store heavy equipment. In addition, a sign posted on the fence states "no open flame or ignition beyond this point" which indicates that petroleum products or flammable hazardous substances may have been previously stored or used in the fenced rear yard. Therefore, spills and leaks of those materials may have occurred in that area;



and,

- The building located on the property was originally constructed in 1957. It is unknown what renovations, if any, have been implemented. Due to the age of the structure, the construction materials used for the building could potentially contain asbestos and/or lead-based paint (LBP).

5. ASBESTOS AND LEAD-BASED PAINT INSPECTION

Macrotec Consulting, LLC, of Las Vegas, Nevada, conducted the asbestos and lead based paint (LBP) inspection at the subject site on June 23, 2015. The results of the assessment are presented in their report dated June 30, 2015. A copy of their full report is provided in Appendix A.

5.1 Asbestos

At the time of the inspection, Macrotec discovered sixteen separate suspect asbestos-containing building materials. Twenty-six samples were collected from those materials. Of the 26 samples, five were found to be asbestos containing. The materials found to contain asbestos included wall texture on drywall, 9"x9" vinyl composite tiles (VCT), duct wrap on metal duct above the ceiling, gray roofing mastic, and transite pipe running vertically behind a wall.

5.2 LBP

At the time of the inspection, Macrotec collected 105 x-ray fluorescence (XRF) readings on painted surfaces suspected to contain lead. Of those 105 samples, only two were found to contain lead above the United States Department of Housing and Urban Development (HUD) action level of 1.0 mg/cm². Those materials included blue, pink, white, and yellow ceramic tile in the bathroom and dark green colored bricks in the bedroom.

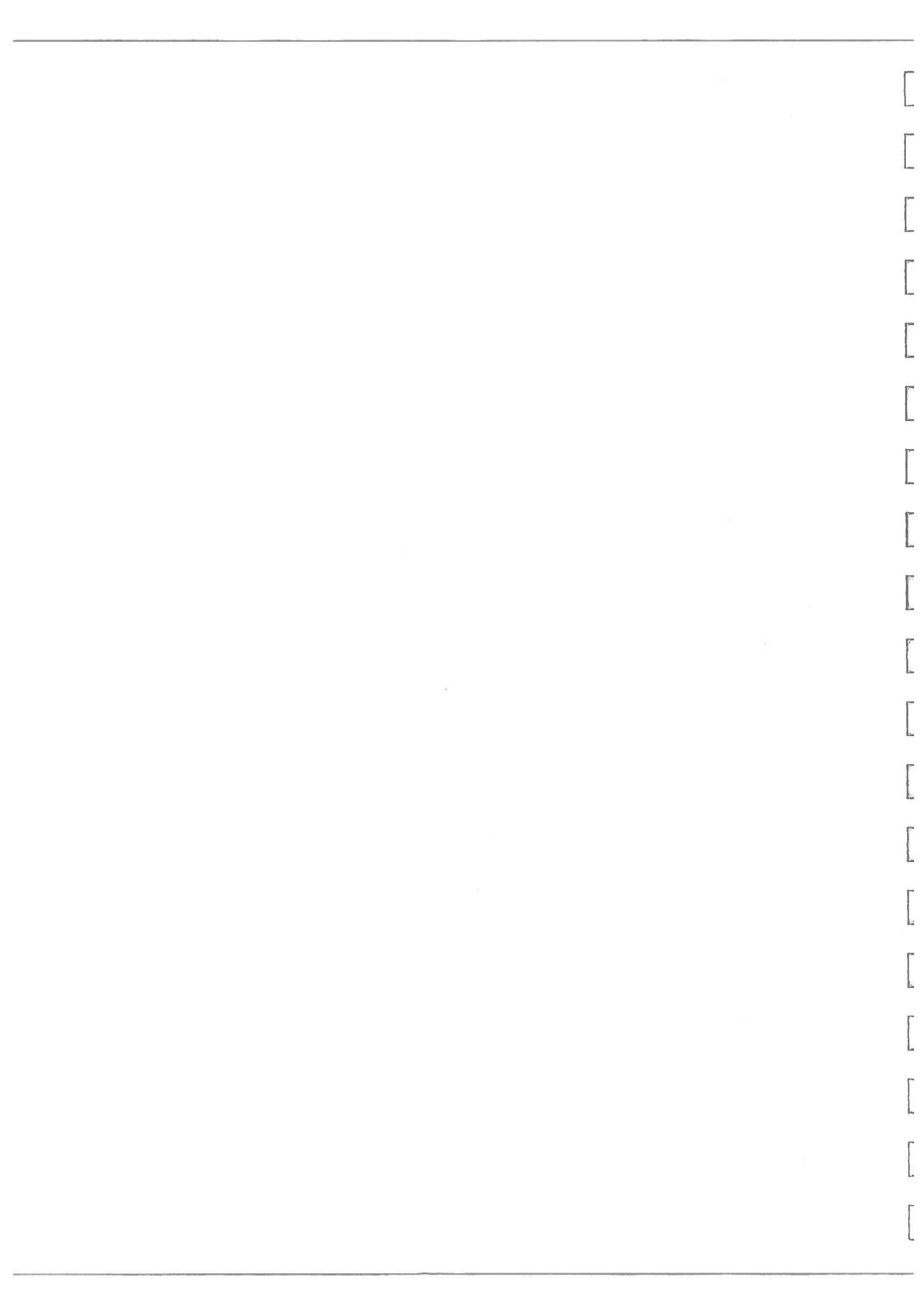
6. PHASE II ESA SOIL SAMPLING ACTIVITIES

MGA performed limited Phase II ESA soil sampling activities on June 24, 2015 per the NBP approved Sampling and Analysis Plan (SAP) (MGA, May 2015). Based on visual identification of potentially contaminated areas and MGA's understanding of the historical uses of the site, three soil borings (SB-01 through SB-03) were advanced at selected locations with the fenced, rear yard of the property. A picture log of the sampling area and approximate sampling locations is provided in Appendix B.

Two soil samples were collected from each soil boring at approximately one foot and three feet below ground surface (bgs). Three laboratory-provided glass sample jars were filled for each collected sample. Soil borings were initially advanced using a shovel and stainless steel hand scoop for the one foot bgs samples and the borings were continued using a stainless steel hand auger with split spoon sampler for the three feet bgs samples. All sampling tools were decontaminated between each soil sample location with an Alconox and distilled water solution. Approximate locations of soil borings are provided in Figure 2.

6.1 Analytical Testing

Soil samples were delivered under chain-of-custody protocol to Asset Laboratories located in Las Vegas, Nevada. The soil samples were analyzed for total petroleum hydrocarbons (TPH), which included gasoline range organics (GRO), diesel range organics (DRO), and oil range



organics (ORO) by EPA Method 8015. Additional sample volume was collected to analyze for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) via polycyclic aromatic hydrocarbons (PAH) select ion method (SIM), if necessary. Copies of the chain-of-custody record and analytical reports for the soil samples are provided in Appendix C.

6.2 Analytical Results

None of the collected soil samples reported a TPH-GRO concentration above the laboratory detection limit. TPH-DRO concentrations were reported in all soil samples with the exception of SB-03 at 3.0 feet bgs. The TPH-DRO concentrations ranged from 13 mg/kg (SB-02 at 3.0 feet bgs) to 36 mg/kg (SB-03 at 1.0 foot bgs). With the exception of SB-03 at 3.0 feet bgs, TPH-ORO concentrations were reported in all soil samples. The TPH-ORO concentrations ranged from 17 mg/kg (SB-02 at 3.0 feet bgs) to 78 mg/kg (SB-03 at 1.0 foot bgs). A combined TPH concentration exceeding 100 mg/kg was reported for sample SB-03 at 1.0 foot bgs. Since the total TPH concentration in this sample was above the State of Nevada reporting level of 100 mg/kg, this soil sample was also analyzed for VOCs and PAH-SIM. No VOCs were detected above laboratory reporting limits in the sample collected from SB-03 at 1.0 foot bgs. The only detectable PAH-SIM concentrations in the sample collected from SB-03 at 1.0 foot bgs were fluoranthene (7.7 µg/kg) and pyrene (7.3 µg/kg), which are both below their respective State of Nevada action levels.

6.3 Deviation from Sampling and Analysis Plan

In general, MGA adhered to the SAP for the onsite soil sampling. One change was made onsite due to field observations and professional judgment. Soil samples were not collected at a depth of five feet bgs as the soil at approximately 4.5 feet bgs contained compacted clay and silt which caused the split spoon sampler to become lodged in the boring. In the process of dislodging the sampler from the boring, the soil sample at five feet bgs was released from the sampler. Therefore, due to geologic conditions, soil samples were only collected at one foot and three feet bgs.

6.4 Data Quality

6.4.1 Soil Sampling

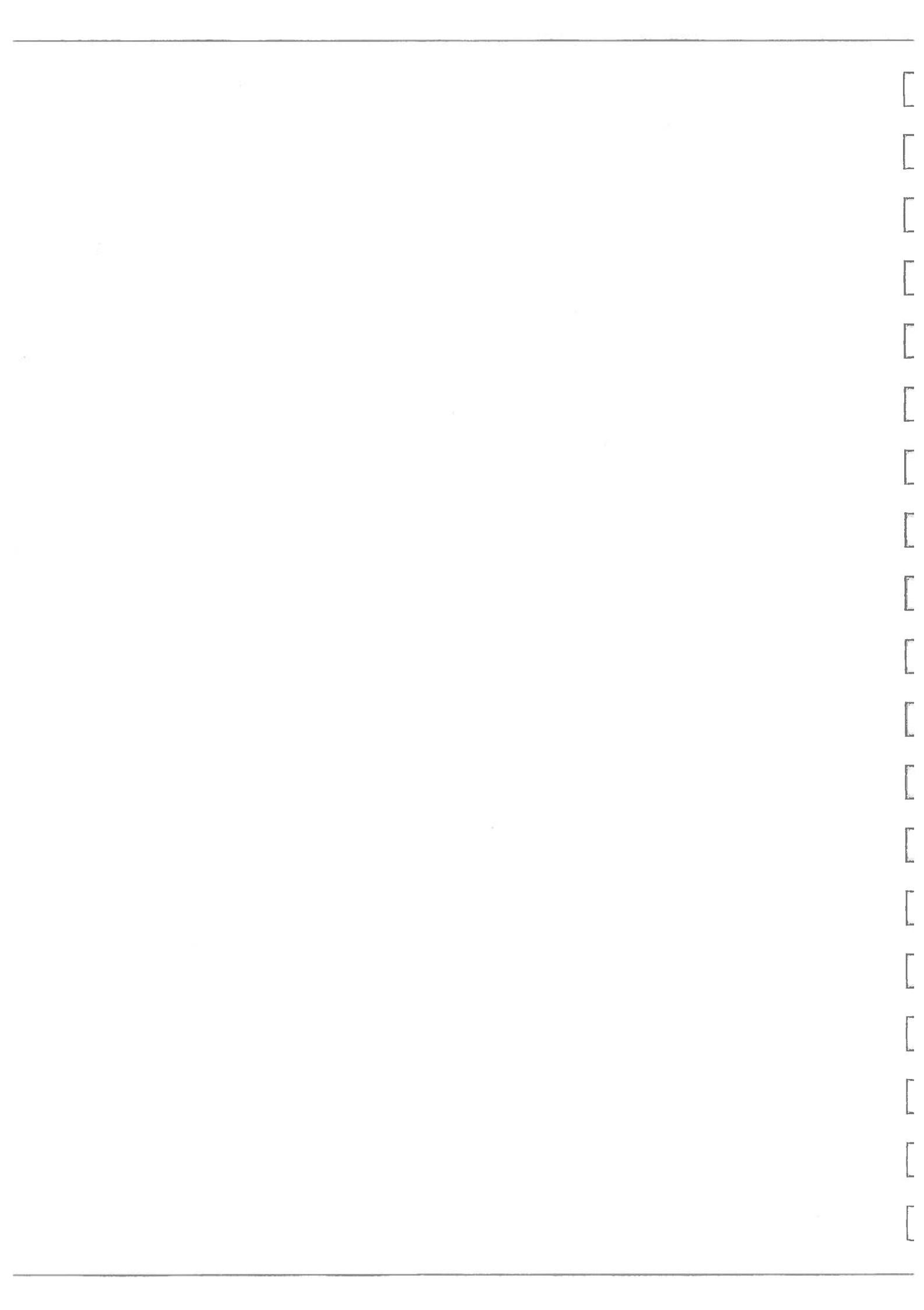
The soil samples were collected in accordance with EPA and MGA SOPs. Care was taken to minimize sample disturbance. Soil samples were preserved in a cooler with ice until they were received by the laboratory (see chain-of-custody records provided in Appendix C).

6.4.2 Laboratory Analytical Data for Soils

The laboratory analytical data for the soil samples were in compliance with the data quality objectives established in the laboratory's SOP.

6.5 Summary of Soil Sampling Activities

- Three soil borings were advanced onsite using a shovel and hand auger equipment;
- A soil sample was collected from each boring at approximately one foot and three feet bgs; and
- Per requirements of the analytical laboratory, three soil jars were collected at each soil sample location.



6.6 Findings

- Soil samples were analyzed for TPH-GRO, TPH-DRO, and TPH-ORO;
- All TPH-GRO concentrations were below the laboratory detection limit;
- Soil sample SB-03 at 1.0 foot bgs was also analyzed for VOCs and PAH-SIM as the combined TPH concentration for that sample was above 100 mg/kg (State of Nevada action level for TPH);
- For soil sample SB-03 at 1.0 foot bgs, all VOC concentrations were below the laboratory detection limit, and the only detectable PAH-SIM concentrations were fluoranthene (7.7 µg/kg) and pyrene (7.3 µg/kg) which are both below their respective state action levels of 2,300,000 µg/kg and 1,700,000 µg/kg.

7. CONCLUSIONS

McGinley & Associates performed a Limited Phase II ESA on the subject property located at 1301 E. Webb Avenue in North Las Vegas, Nevada. The ESA activities were supervised and reviewed by a Nevada CEM as required by the State of Nevada NAC 459. The assessment was performed to determine the extent, if any, of environmental contamination within the fenced rear yard of the property which was potentially used to store petroleum products or flammable hazardous substances in the past.

The soil sampling results indicate that petroleum contamination above State of Nevada action levels was found within the area of concern. However, it does not appear that the volume of petroleum contaminated soil above the action level is three cubic yards or greater. Further, VOC and SVOC constituents were not found above action levels in the sample determined to have TPH concentrations above action levels.

In addition, Macrotec conducted an asbestos and LBP inspection at the subject site. Macrotec discovered asbestos in several of the collected samples from various building materials including drywall, VCT, duct wrap, roofing mastic, and transite pipe. LBP concentrations above the HUD action level were found in the ceramic tile located in the bathroom and the dark colored bricks located in the bedroom.

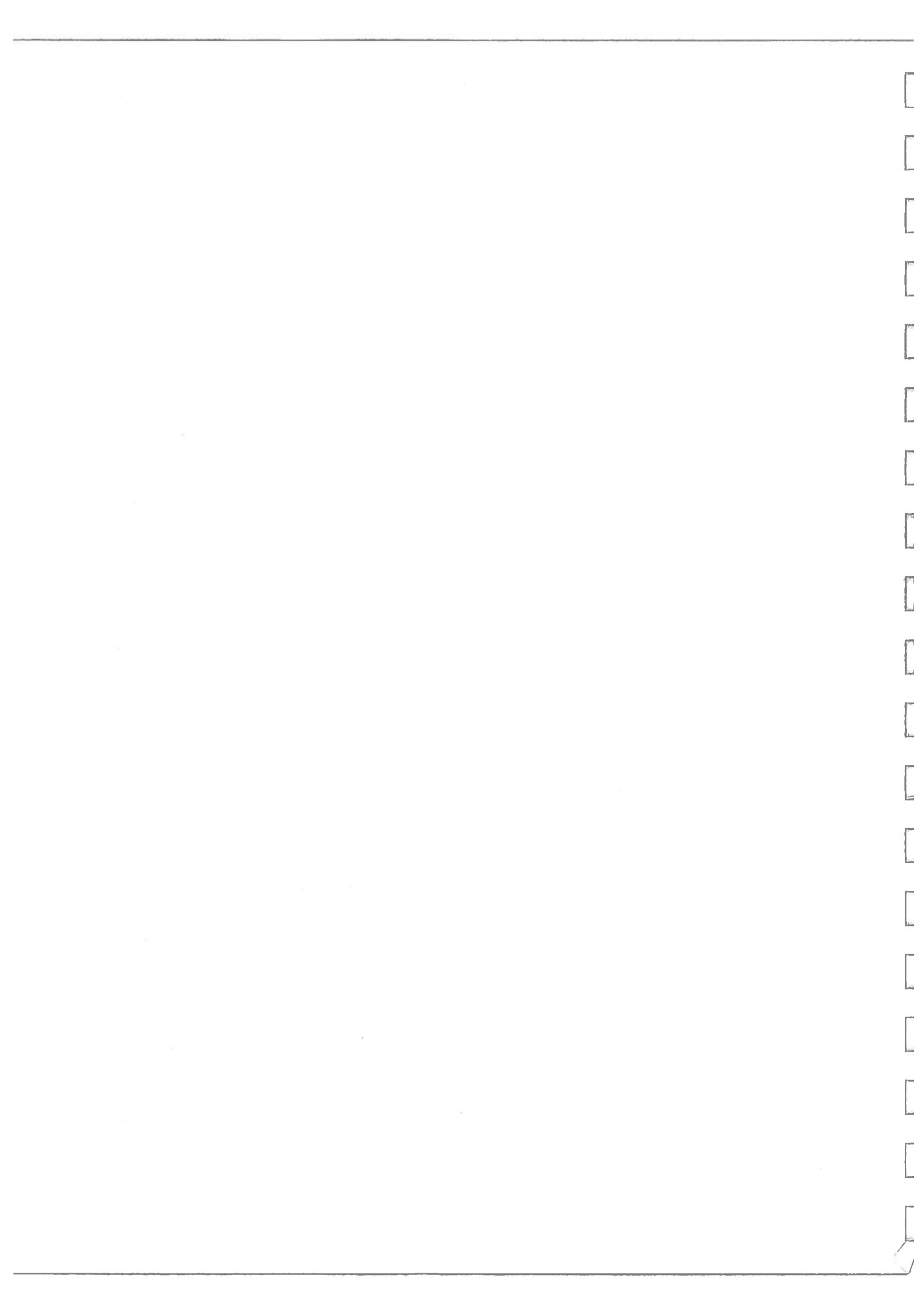
8. RECOMMENDATIONS

Based on the analytical laboratory data reported for the collected soil samples, MGA is of the opinion that the objectives of the Phase II ESA were achieved and no further assessments of the fenced rear yard are warranted at this time. In addition, it is the opinion of MGA that the findings do not require the spill to be reported as the volume of contaminated soil is less than three cubic yards.

The following recommendations were made in Macrotec's asbestos and LBP inspection report:

- Removal of all asbestos containing material (ACM) in the manner described for regulated ACM by a licensed asbestos abatement contractor, to be overseen by a certified asbestos consultant; and
- Stabilization and/or removal of all regulated lead painted materials by a State of Nevada licensed lead abatement contractor.

Therefore, prior to renovation activities, abatement and stabilization should be conducted on the building.



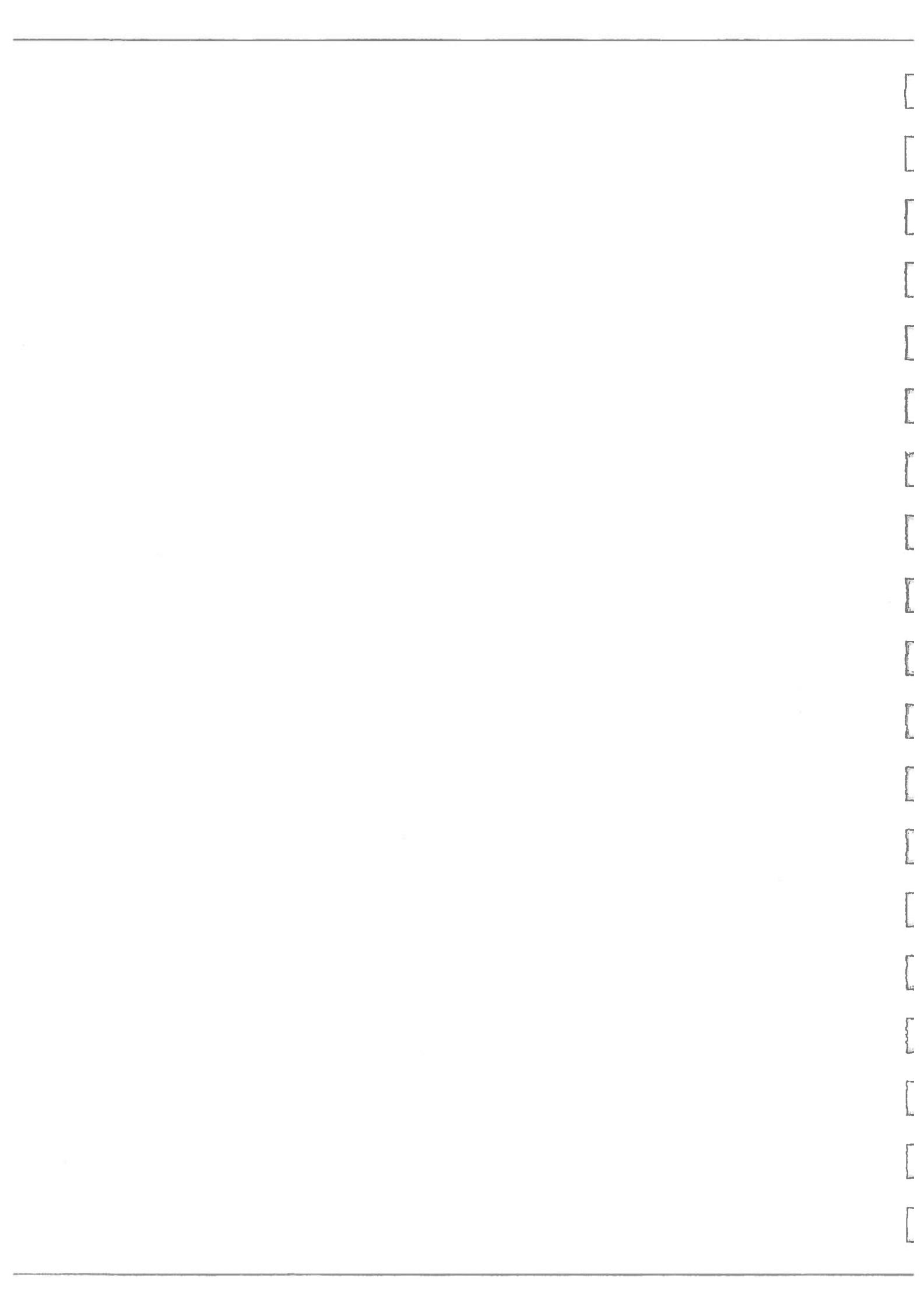
9. LIMITATIONS

The conclusions presented herein are based on analytical data and observations. MGA makes no warranties or guarantees as to the accuracy or completeness of information provided or compiled by others. The results reported herein are applicable to the time the sampling occurred. Changes in site conditions may occur as a result of illegal dumping practices, prevailing winds, rainfall, or other factors.

It should be recognized that definition and evaluation of environmental conditions is a difficult and inexact science. Judgments and opinions leading to conclusions and recommendations are generally made with an incomplete knowledge of the conditions present. More extensive studies, including additional environmental investigations, can tend to reduce the inherent uncertainties associated with such studies. Additional information not found or unavailable to MGA at the time of writing this report may result in a modification to the conclusions and recommendations contained herein.

This report is not a legal opinion. The services performed by MGA have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. No other warranty, expressed or implied, is made.

The use of the word "certify" in this document constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification and does not constitute a warranty or guarantee, either expressed or implied.



10. CLOSING

Should you have any questions regarding this report please contact Brett Bottenberg at (702) 260-4961, ext.-201.

Respectfully submitted,
McGinley and Associates, Inc.



Jeri Prante, E.I.

Staff Engineer

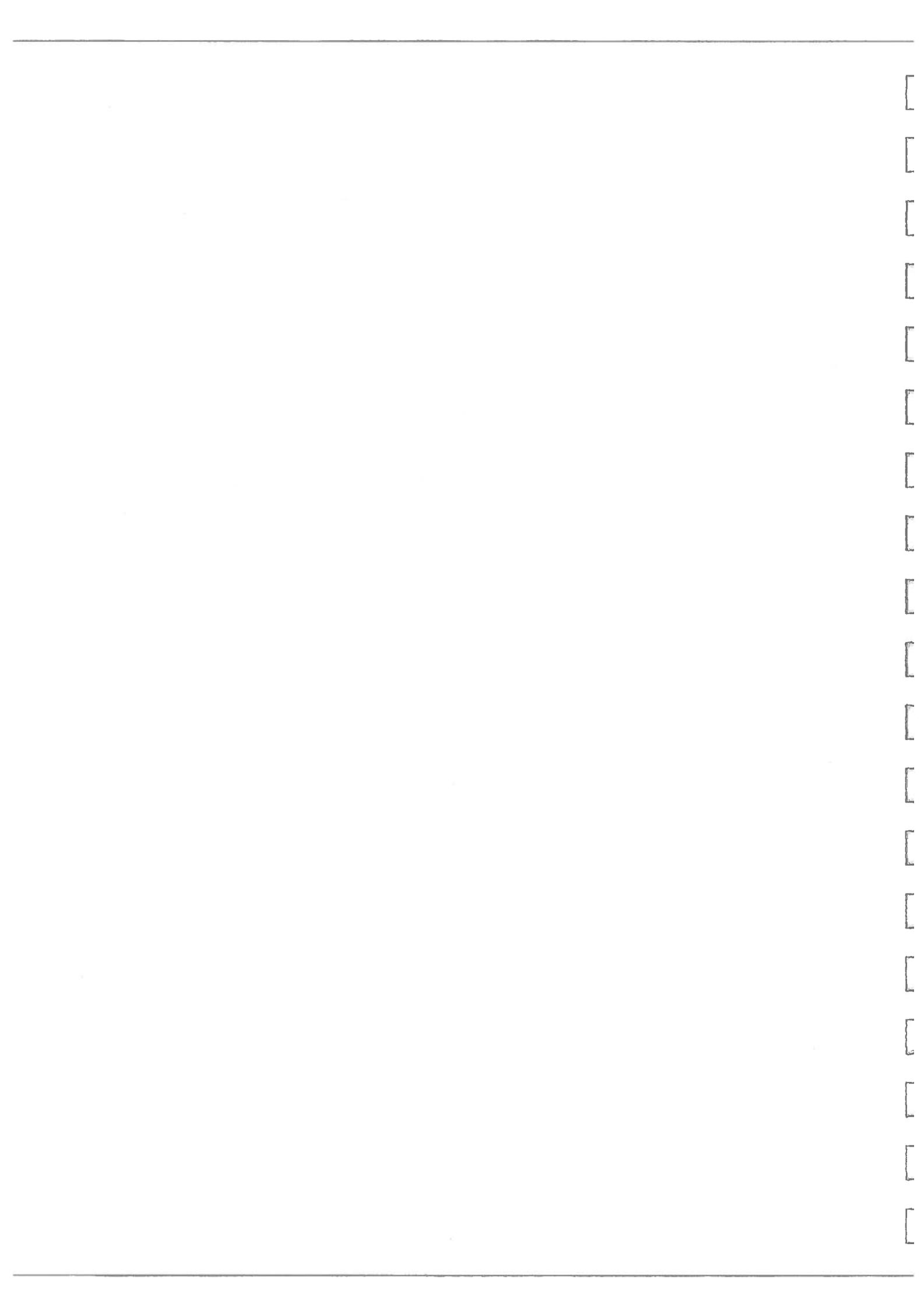
Reviewed by:

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state and local statutes, regulations, and ordinances.



Brett C. Bottenberg, C.E.M. #1690, Exp. 10/07/17

Senior Project Manager



11. REFERENCES

MGA, "Phase I Environmental Site Assessment", March 2015.

MGA, "Sampling and Analysis Plan", May 2015.



Table 1. Summary of Soil Analytical Results¹

Sample ID	Location	Depth (feet bgs)	Date	TPH (mg/kg)			VOCs (µg/kg)	PAHs (µg/kg)	
				GRO	DRO	ORO		Fluoranthene	Pyrene
BRN028-SB-01-1.0	SB-01	1.0	24-Jun-15	<1.0	20	34	NA	NA	NA
BRN028-SB-01-3.0	SB-01	3.0	24-Jun-15	<1.0	17	23	NA	NA	NA
BRN028-SB-02-1.0	SB-02	1.0	24-Jun-15	<1.0	17	25	NA	NA	NA
BRN028-SB-02-3.0	SB-02	3.0	24-Jun-15	<1.0	13	17	NA	NA	NA
BRN028-SB-03-1.0	SB-03	1.0	24-Jun-15	<1.0	36	78	ND*	7.7	7.3
BRN028-SB-03-3.0	SB-03	3.0	24-Jun-15	<1.0	<10	<10	NA	NA	NA
State Action Level ²				-	-	-	-	2,300,000	1,700,000

TPH Total Petroleum Hydrocarbons

GRO Gasoline Range Organics

DRO Diesel Range Organics

ORO Oil Range Organics

VOCs Volatile Organic Compounds

PAHs Polycyclic Aromatic Hydrocarbons

bgs below ground surface

milligrams per kilogram

micrograms per kilogram

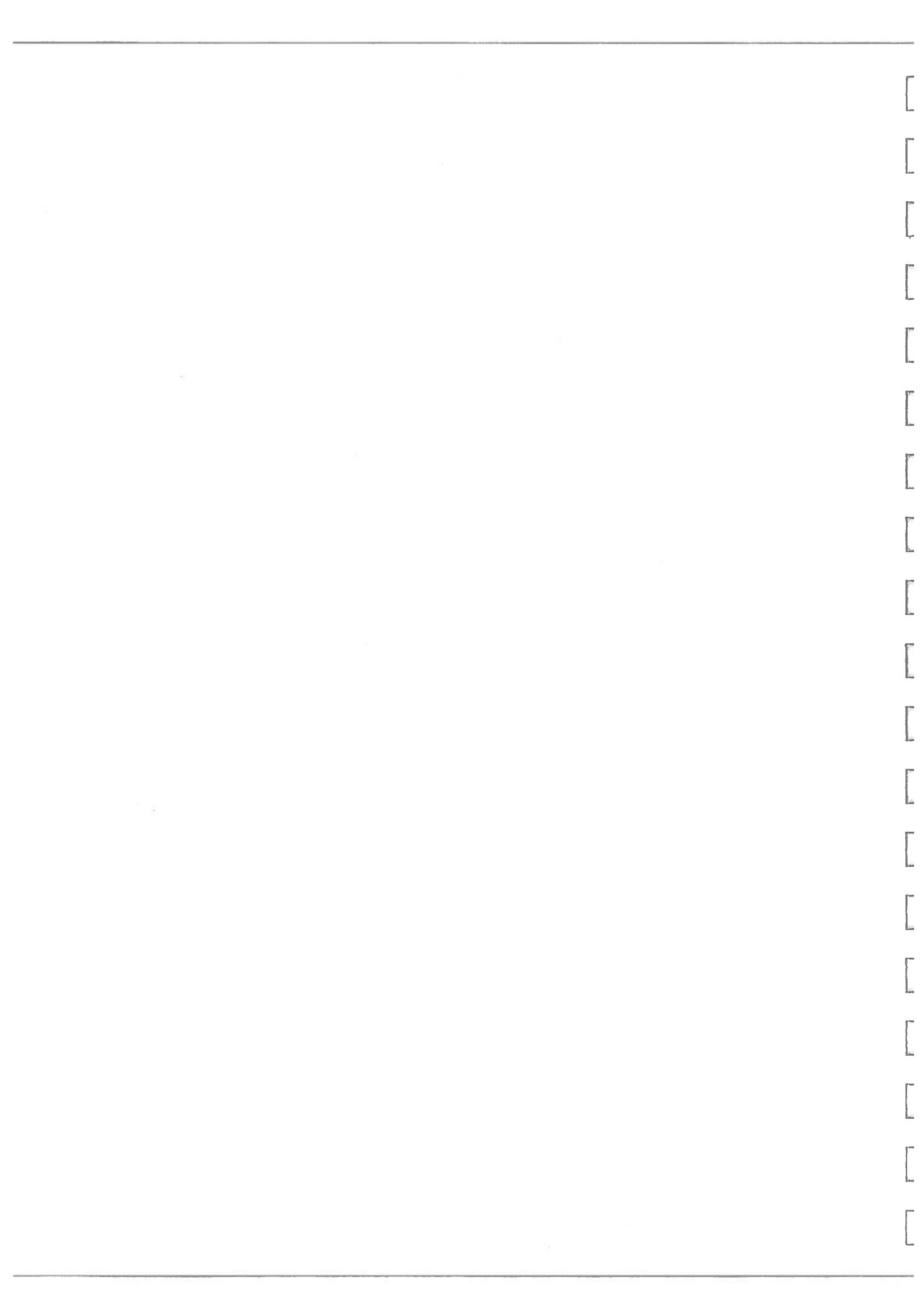
NA Not Analyzed

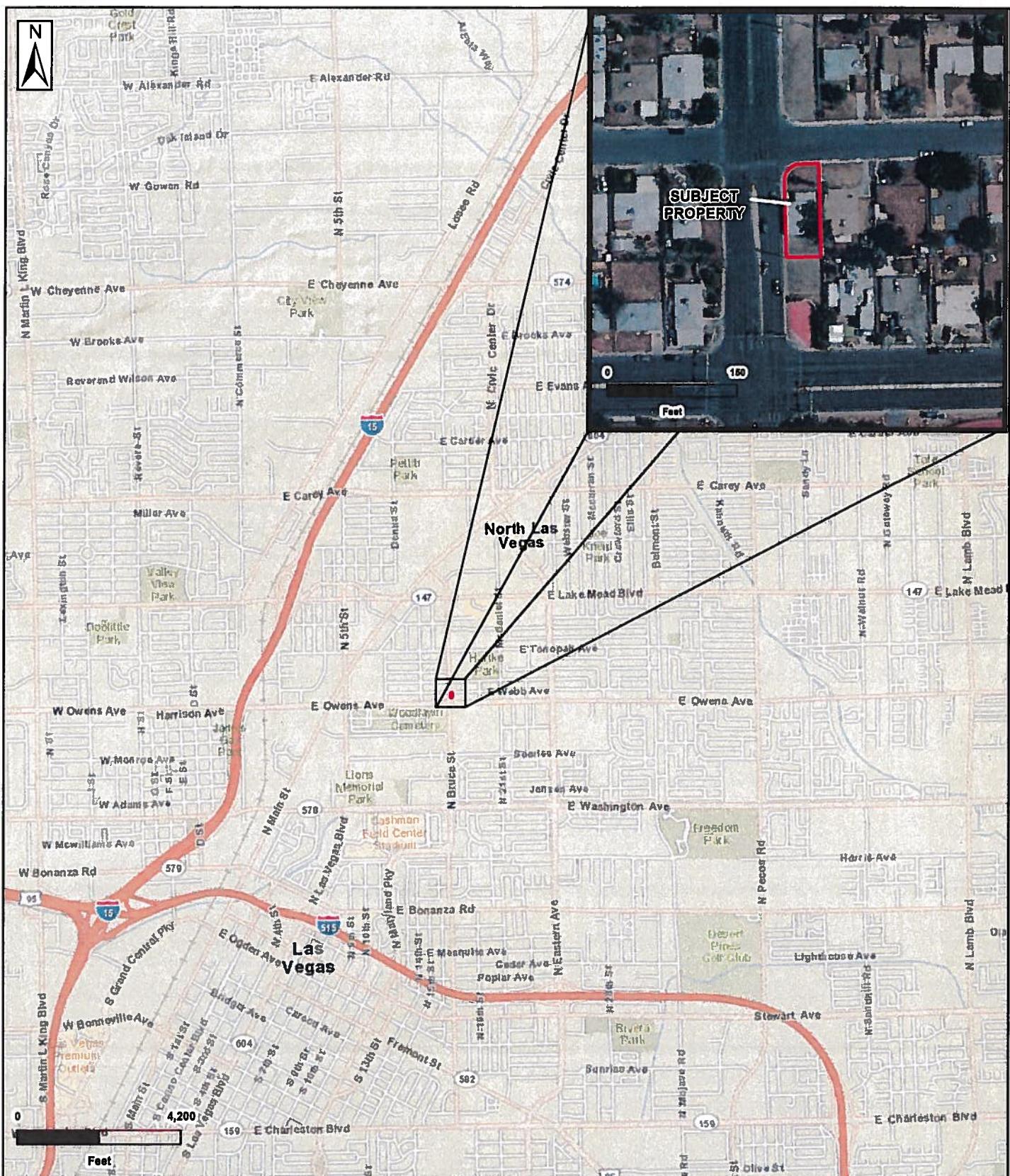
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¹ All VOC constituents were below their respective laboratory detection limit² Only detectable constituents are provided in Table 1. All other analyzed constituents were below laboratory detection limits.

Reference: NDEP Draft Guidelines for Discovery Events





REVISIONS	NO.	BY	DATE	FIGURE 1				
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SITE	NEVADA	UTAH						

BRN 028 01
7/17/2015

COORDINATE SYSTEM:
NAD 1983 UTM Zone 11N

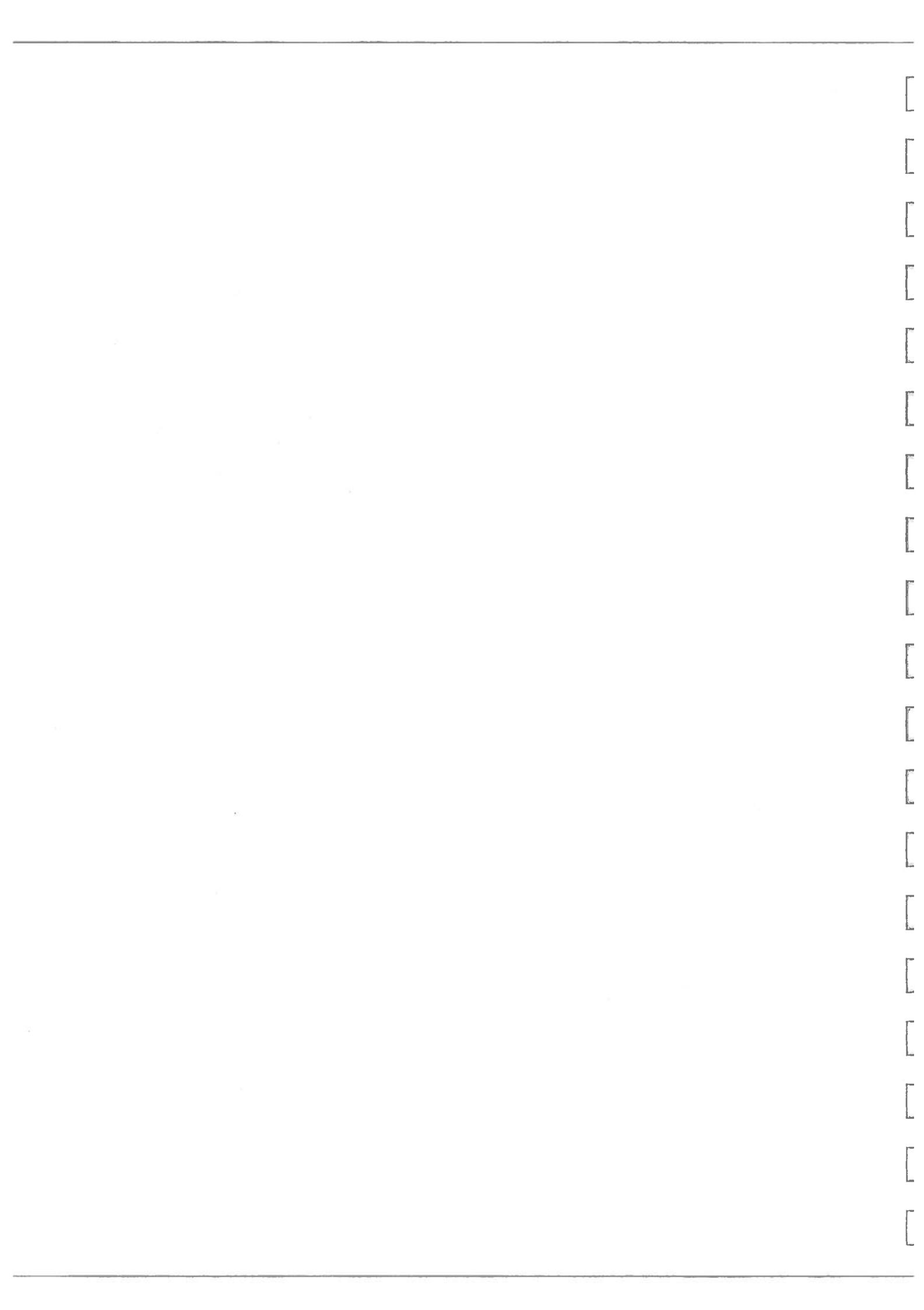




Table 1. Summary of Soil Analytical Results

Sample ID	Location	Depth (ft)	Date	TPH (mg/kg)			VOCs (µg/kg)	PAHs (µg/kg)	
				GRO	DRO	ORO		Fluoranthene	Pyrene
BRN028-SB-01-1.0	SB-1	1.0	24-Jun-15	<1.0	20	34	NA	NA	NA
BRN028-SB-01-3.0	SB-1	3.0	24-Jun-15	<1.0	17	23	NA	NA	NA
BRN028-SB-02-1.0	SB-2	1.0	24-Jun-15	<1.0	17	25	NA	NA	NA
BRN028-SB-02-3.0	SB-2	3.0	24-Jun-15	<1.0	13	17	NA	NA	NA
BRN028-SB-03-1.0	SB-3	1.0	24-Jun-15	<1.0	36	78	ND	7.7	7.3
BRN028-SB-03-3.0	SB-3	3.0	24-Jun-15	<1.0	<10	<10	NA	NA	NA

E. WEBB AVE.



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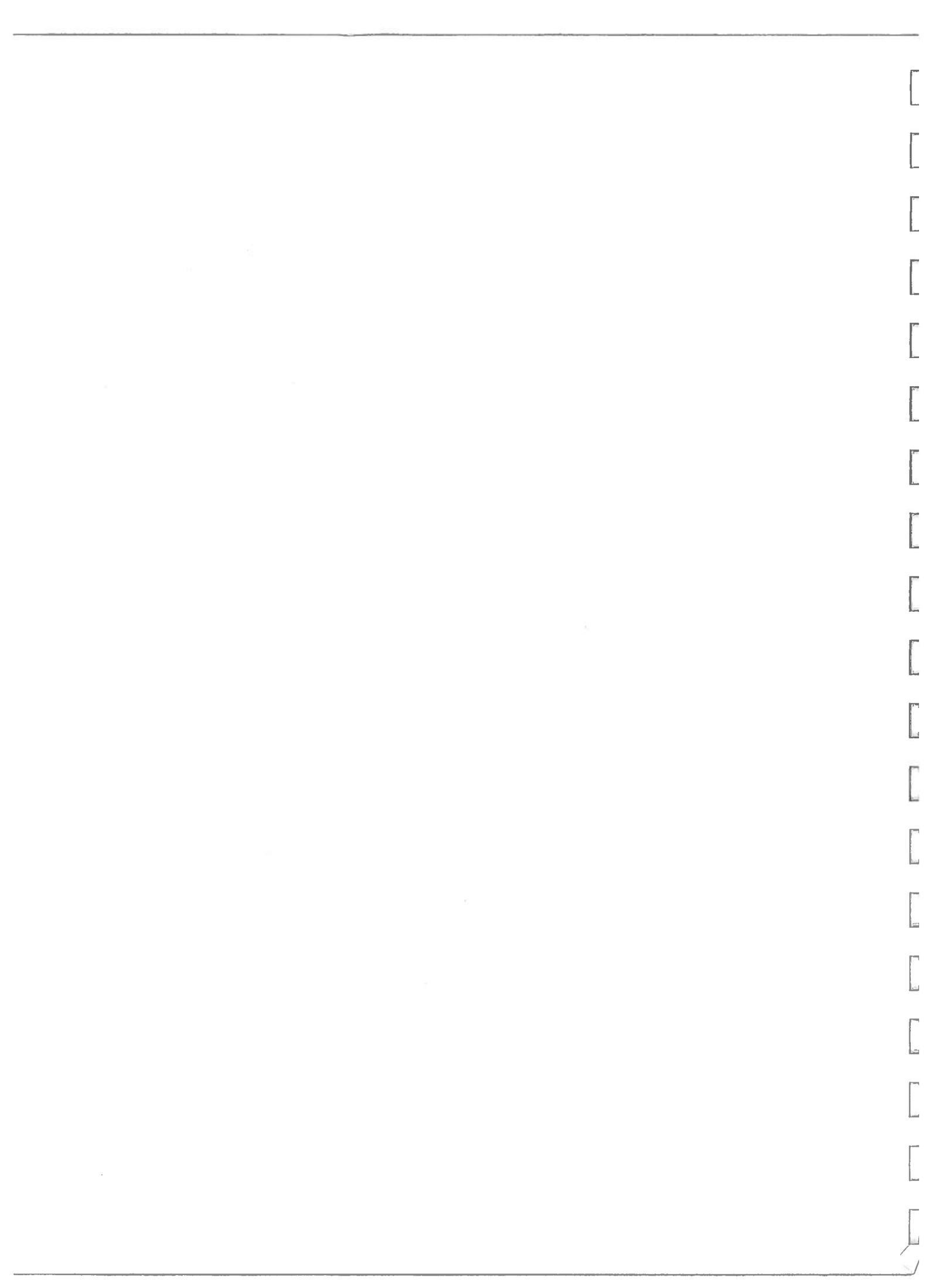
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FIGURE 2

SITE MAP
SHOWING-
APN 139-23-812-025
1301 E. WEBB AVE.
NORTH LAS VEGAS, NEVADA

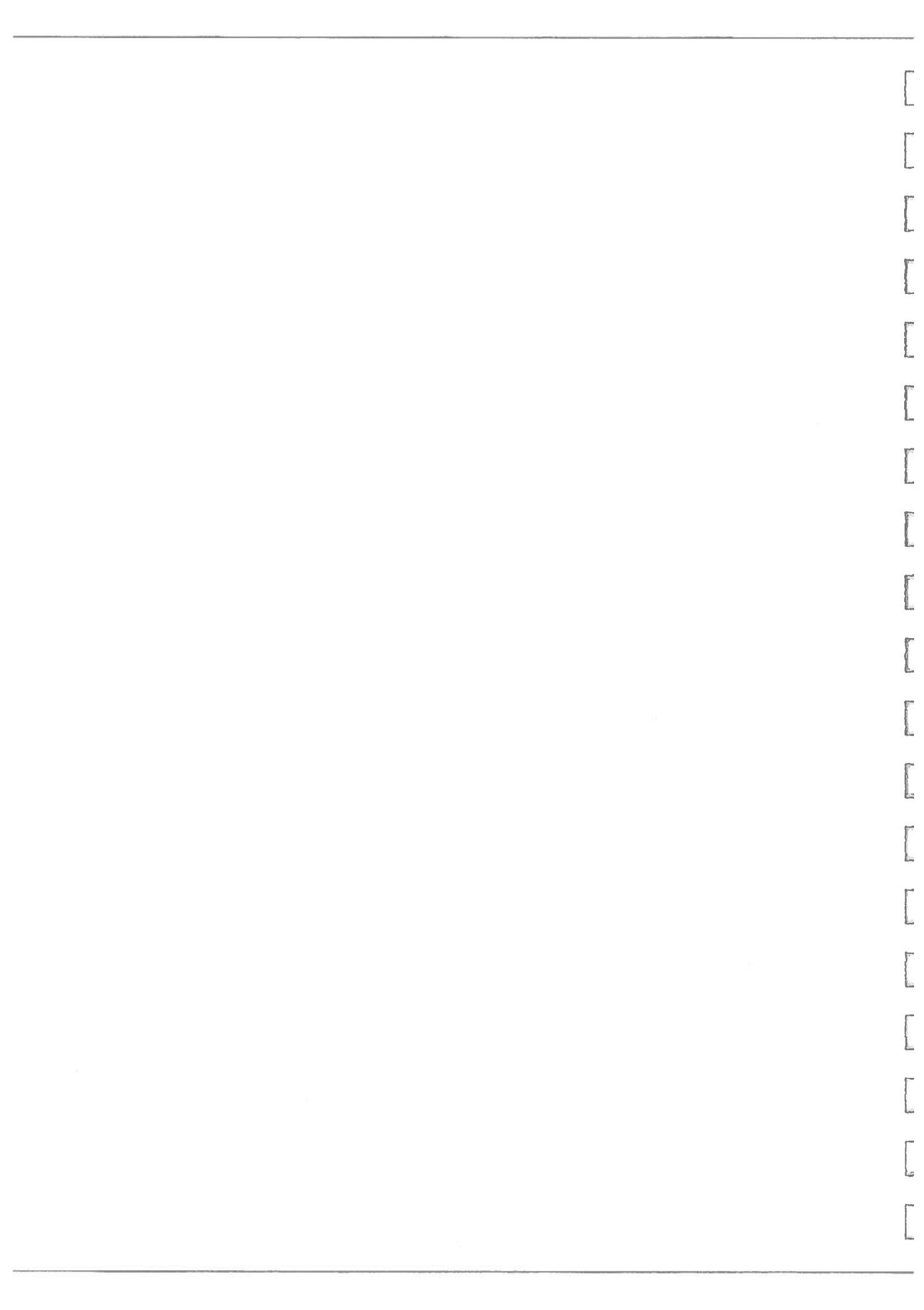


COORDINATE SYSTEM:
NAD 1983 UTM Zone 11N



APPENDIX A

Asbestos and Lead-Based Paint Inspection Report





Macrotec Consulting, LLC.

Renovation Investigation Report Asbestos and Lead Based Paint Inspection

Project Information:

1301 E. Webb Ave.
Las Vegas, NV

Report Info:

Macrotec Project # 15193
June 30, 2015

Prepared For:

Brett Bottenberg
McGinley & Associates
1915 N. Green Valley Pkwy.
Suite 300
Henderson, NV 89074

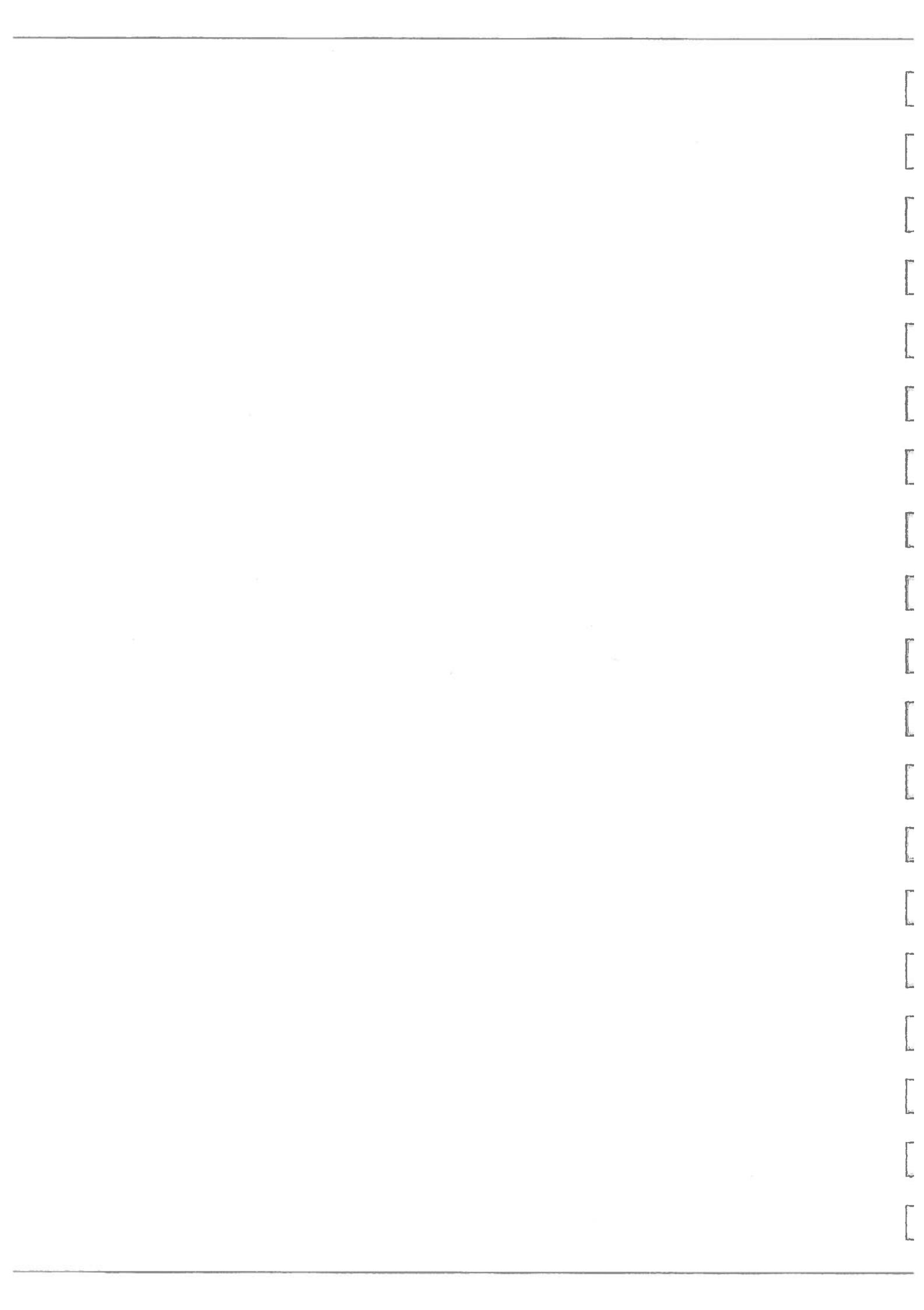
Prepared By:

Jason McAllister - Macrotec Consulting, LLC.

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Appendix E	Lead XRF Results
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INTRODUCTION

Macrotec Consulting performed an inspection for Asbestos-Containing Building Materials and Lead Based Paint on June 23, 2015. The inspection was conducted for the project defined as: Demolition of the house located at 1301 East Webb Avenue in Las Vegas, Nevada.

The intent of this inspection was to identify materials containing asbestos and lead based paint, within the subject site, that may be impacted during planned demolition activities. Macrotec's inspection services were conducted at the request of Brett Bottenberg of McGinley & Associates.

Jason McAllister, a Nevada Asbestos Abatement Consultant, License # IPM0901 and an EPA Lead Risk Assessor, Certification # NV-R-125427-1, conducted these services for Macrotec Consulting.

SITE DESCRIPTION

The subject site is a one-story, ~925 square foot brick house with a sloped roof on a concrete foundation. There is an attached, ~220 square foot, storage shed at the northeast corner of the house.

Macrotec's inspection was limited to these structures only.

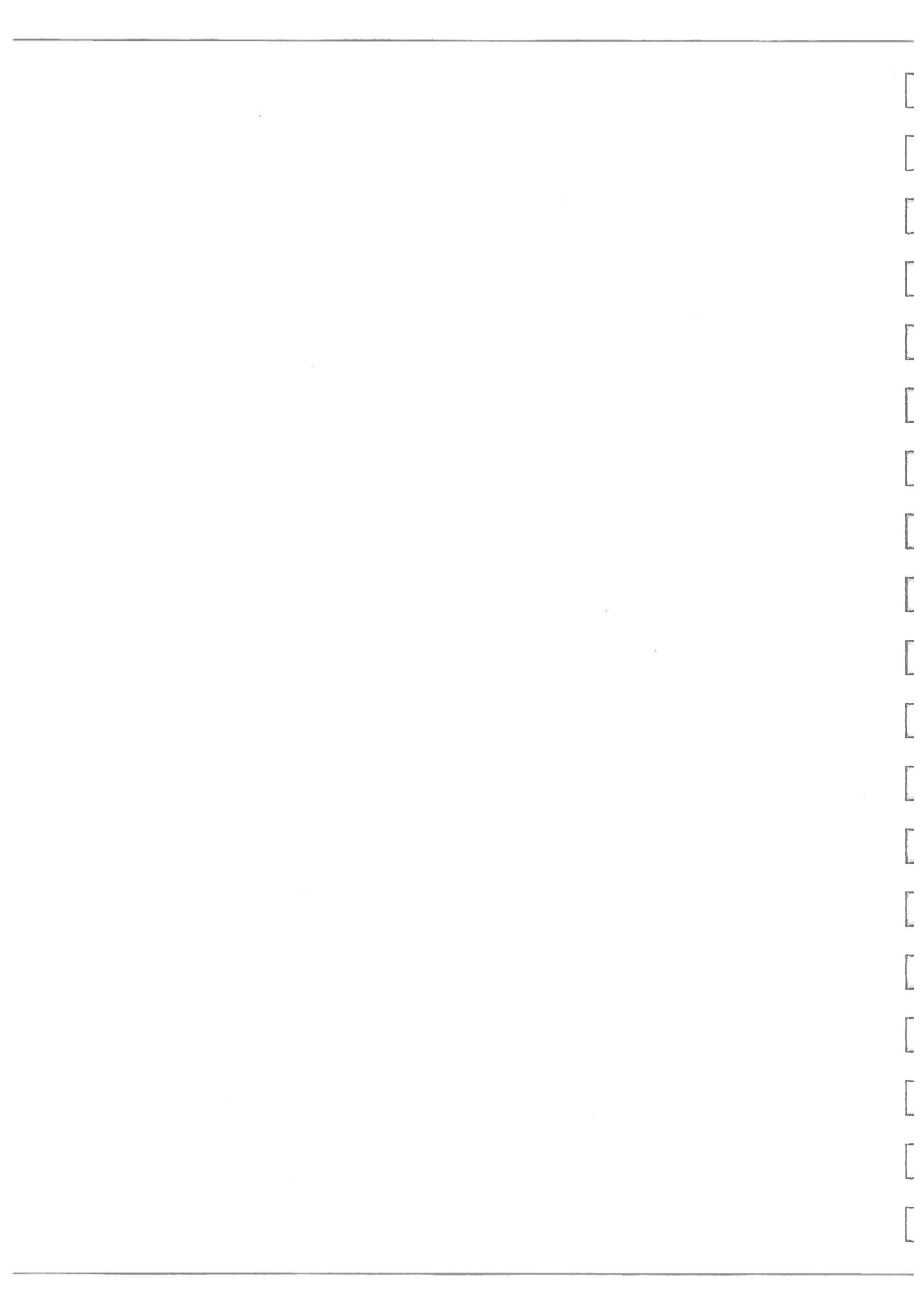
SCOPE OF SERVICES

Asbestos - Macrotec's inspection services were conducted to identify the presence of any materials containing asbestos pursuant to the requirements of:

- Nevada OSHA - NAC 618.850-618.986
- OSHA's "Criteria to rebut the designation of installed material as PACM (Presumed Asbestos Containing Material)", 1926.1101(k)(5).
- EPA's: 40 CFR Part 61 National Emission Standard for Hazardous Air Pollutants (NESHAP).

These regulations outline inspection and abatement requirements for materials containing asbestos.

Lead - Macrotec collected X-Ray Fluorescence (XRF) readings to identify the presence and content level of lead above the action level (1.0 mg/cm²). The sampling for this project was collected in compliance with the U.S. Department of Housing and Urban Development (HUD) and the Environmental Protection Agencies (EPA) regulatory requirements.



SAMPLE COLLECTION METHODOLOGY

Asbestos - An initial walk through of the subject site was conducted to identify homogeneous suspect materials containing asbestos, and their respective locations. This information was then used to develop a sample collection strategy.

Samples were collected by pre-wetting sample areas with water, then cutting or scraping the sample from the substrate with an appropriate sampling tool. Whenever possible, samples were collected from areas previously damaged or deteriorating. To avoid potential contamination due to unknown asbestos content; no building systems, components, or structures were demolished to obtain samples of potentially hidden materials containing asbestos.

Each suspect bulk sample was sealed in its own zip lock plastic container and labeled with a unique identification number. Sampling tools were individually cleaned before and after each sample was collected to avoid sample cross contamination. Decontamination was accomplished using single use, pre-moistened cloths.

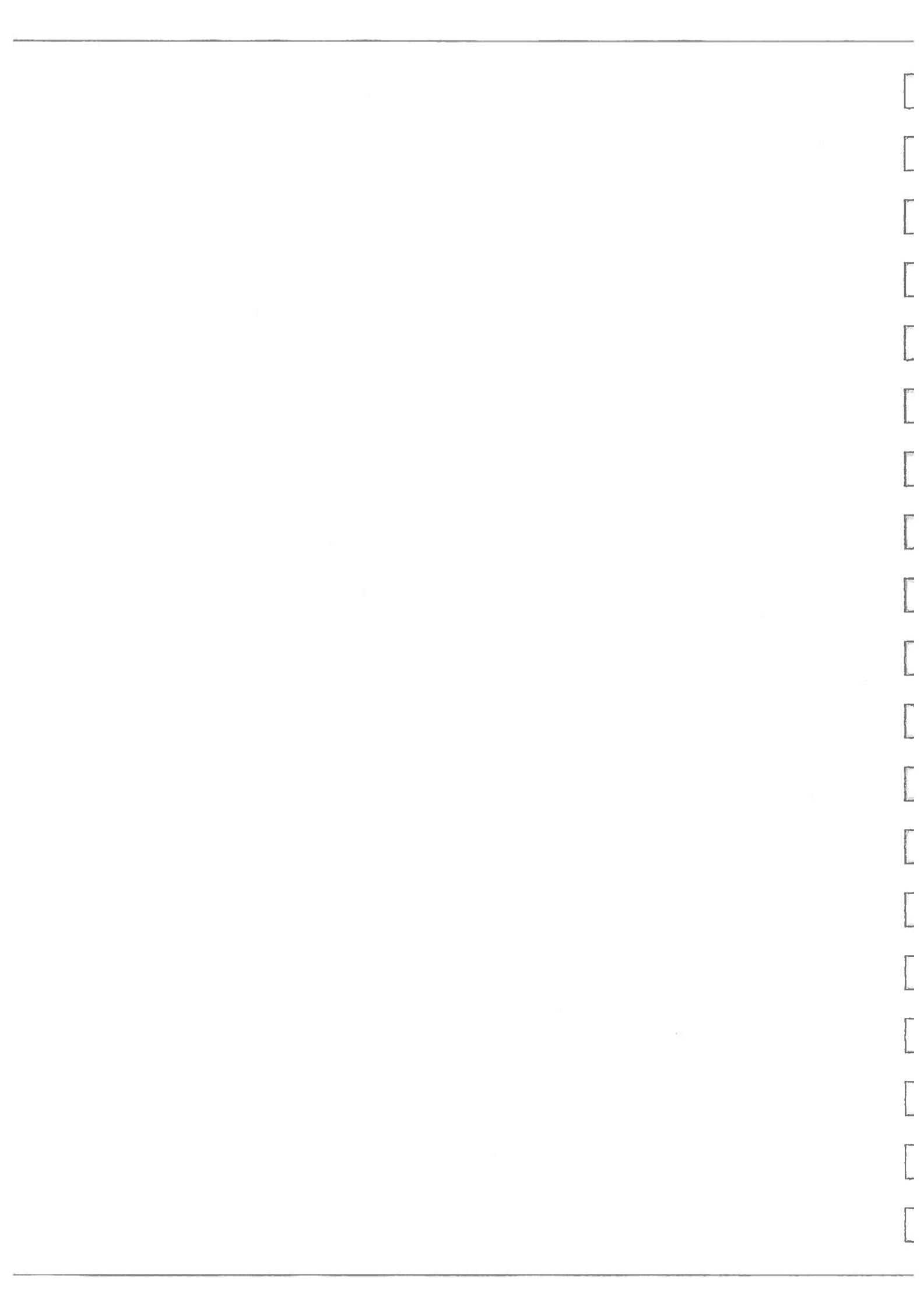
Samples were recorded on Macrotec's chain-of-custody form. This form accompanied the samples to Triangle Environmental Service Center, Inc. (TESC), located in Moseley, Virginia. The National Voluntary Laboratory Accreditation Program (NVLAP) accredits TESC for analysis of bulk building material samples for asbestos.

Lead - Lead testing was conducted in accordance with chapter seven of the Guidelines of the Evaluation and Control of Lead Based Paint Hazards in Housing published by HUD. XRF readings were taken on the painted surfaces which will be impacted during renovation activities. The HUD definition of lead based paint is lead equal to or greater than 1.0 mg/cm². All results above this level are considered positive and all results found below this level are considered negative.

SAMPLE ANALYSIS METHODOLOGY

Asbestos - Suspect asbestos samples were subjected to analysis by polarized light microscopy (PLM). Bulk sample analysis was conducted in accordance with the EPA's "Test Method for the Determination of Asbestos in Bulk Building Materials, EPA/600/R-93/116, 1993.

Lead - Painted surfaces were tested using an X-Ray Fluorescence (XRF) analyzer. The XRF was a Niton XLp300A paint analyzer serial #26948. The instrument was calibrated to the manufacturer's specifications before and after the inspection, verified against the National Institute of Standards and Testing (NIST) Standard Reference Material (SRM) P/N 500-934. The analyzer was in control at all times of the NIST SRM lead standard.



ASBESTOS SAMPLE ASSESSMENT

Asbestos - Macrotec's inspection of the subject site found **Sixteen (16)** separate suspect asbestos building materials, of which a total of **Twenty Six (26)** samples were collected and submitted for analysis.

The following table summarizes the materials that were found to be asbestos containing, the locations where the material is located, the material's friability and its NESHAP classification.

Material Number	Material Description	Material Locations	Material Friability	NESHAP
2	Wall Texture on Drywall	This material is on the inner walls within the house. ~950 Sq. Ft.	Friable	Non-Regulated ¹
3	9"x9" VCT	This material is the bottom layer of flooring throughout the house. ~925 Sq. Ft.	Non-Friable	Category I ²
10	Duct Wrap on Metal Duct	This material is on the duct running above the ceiling in the hall. ~200 Sq. Ft.	Friable	RACM ³
15	Gray Roof Mastic	This material is on the pipes, ducts, vents, and seams on the roof. ~25 Sq. Ft.	Non-Friable	Category I ²
16	Transite Pipe	This material runs vertically behind the wall adjacent the bathroom, up through the roof. ~10 Linear Ft.	Non-Friable	Category II ⁴

See Appendix A for a listing of the materials, material locations, samples, sample locations and results for this project.

LEAD BASED PAINT ASSESSMENT

Macrotec collected **One Hundred Five (105)** XRF readings at the subject site. The following table summarizes the painted surfaces found to be leaded (above the HUD action level of 1.0 mg/cm²), the locations where the leaded surface is located, and analyzer result.

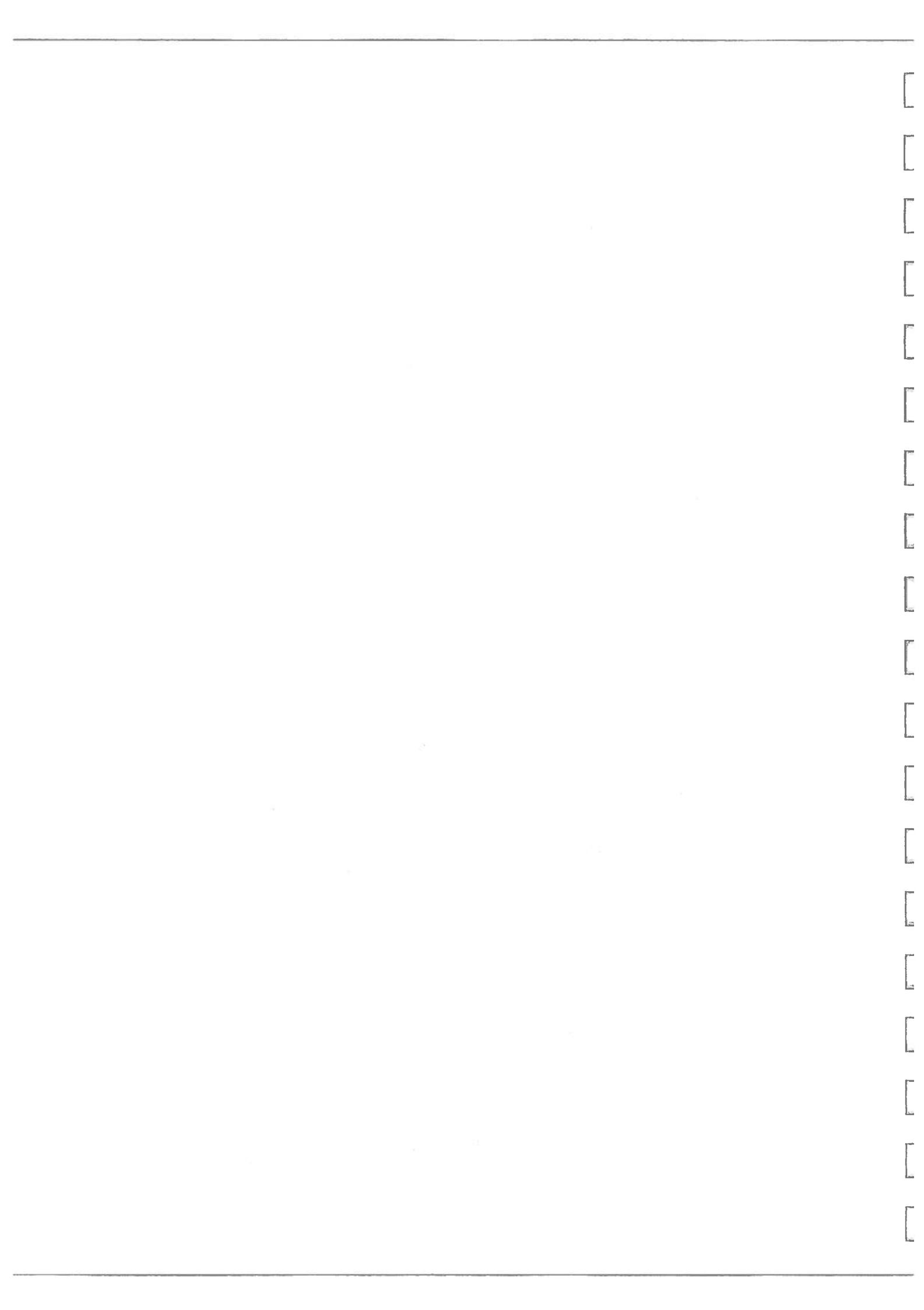
Paint / Material Description	Paint / Material Location	Condition	Result mg/cm ²
Blue, Pink, White and Yellow Ceramic Tile	Located on the wall and floor of the shower in the men's room.	Deteriorated	5.3 – 9.5
Dark Green Brick Wall	Located on 10 bricks on the multi-colored west wall of the bedroom.	Deteriorated	1.5 – 1.9

¹ Although <1% (Non-Regulated), OSHA regulations for worker protection may apply for any amount of asbestos detected if the material is disturbed in a way that could cause employee exposure. Also, the samples found to contain asbestos were reanalyzed by point count methods to confirm that the material is less than one percent, as per NESHAPS 40 CFR Part 61, Subpart M - 61.141.

² Category I nonfriable asbestos-containing material means asbestos containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1% asbestos as determined by Polarized Light Microscopy (PLM)

³ RACM – Regulated Asbestos Containing Material means a material which is friable asbestos and is subject to NAC 618.850 to 618.986, which sets forth provisions for the abatement of asbestos.

⁴ Category II non-friable asbestos-containing material means any material, excluding Category I, containing more than 1 percent asbestos.



Note: OSHA regulations require the implementation of worker protection if there is a potential that paint/materials with any amount of lead will be disturbed during demolition or renovation activities. Painted materials that were found to contain lead, but not above the HUD action level, are highlighted in yellow in Appendix E, along with a listing of all painted surfaces, XRF readings, and XRF reading locations and results for this project.

RECOMMENDATIONS

Asbestos - US EPA and Nevada Department of Industrial Relations regulations require the removal of all regulated asbestos-containing materials (RACM) prior to any renovation or demolition that could impact or disturb RACM. In accordance with these regulations Macrotec recommends:

Hiring a Certified Asbestos Consultant to develop a project specification based on this investigation and any other additional findings.

Hiring a Nevada licensed Asbestos Abatement Contractor to remove all asbestos materials, which are either regulated or may become regulated during the course of renovation and/or demolition activities.

Hiring a Certified Asbestos Consultant to monitor the removal activities and to provide final clearance inspection reports.

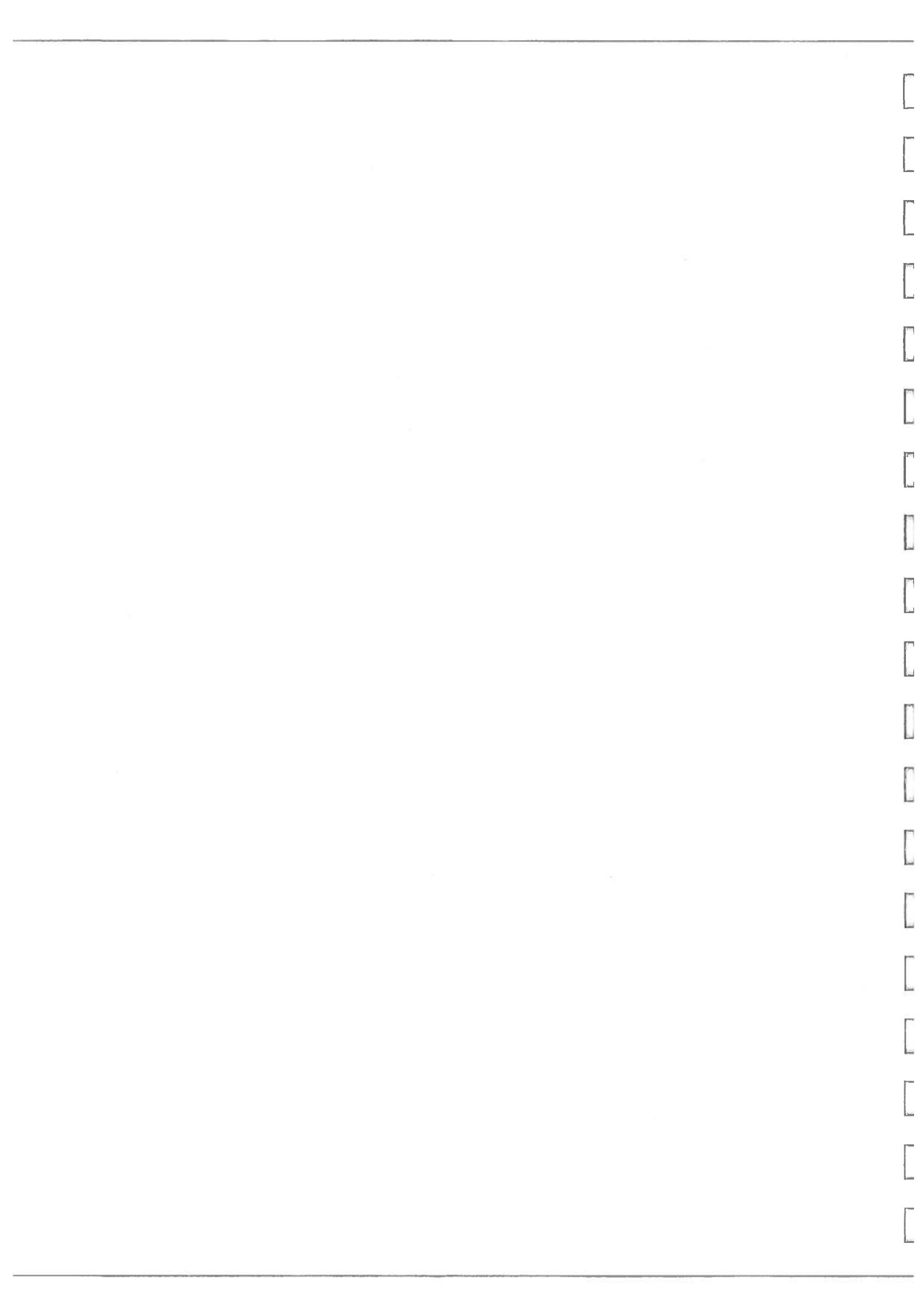
Although the wall texture found to contain asbestos is <1%, Macrotec recommends implementing worker protections outlined in OSHA regulation 1926.1101. This regulation establishes work practices that minimize dust and therefore, employee exposure.

Although the 9"x9" VCT and Gray Roof Mastic found to contain asbestos in this investigation are non-friable Category I materials in good condition, they need to be dealt with as RACM if they have a high probability of becoming pulverized or reduced to powder by the forces expected to act on the material in the course of demolition. Even if these materials do not become RACM, Macrotec recommends the removal of all ACM (in the manner described above) whenever feasible.

The transite pipe is a Category II material, and has a high likelihood of becoming friable during demolition activities and should be abated prior to demolition.

Lead

Lead based paint is a common cause of lead poisoning in children and represents a threat to workers when lead dust is created during renovation or demolition activities. OSHA regulations require the implementation of worker education (as



per OSHA Lead in Construction Standards, 29CFR1926.62) on the potential hazards caused by lead exposure if paint with any amount of lead in it will be disturbed. Since the materials with lead based paint will be impacted during demolition activities, Macrotec recommends either hiring a licensed lead abatement contractor to stabilize and/or remove all lead painted materials, or insure proper training and use of personal protective equipment for workers impacting the materials.

INSPECTION LIMITATIONS

The information contained in this report is limited to those areas and suspect materials found to be visually accessible through reasonable means.

Macrotec conducted a non-destructive survey. No demolition of building materials was conducted to determine the presence of asbestos in wall cavities, chases or other inaccessible areas. Macrotec cannot warrant that these areas do not contain asbestos in locations other than those noted in this report, however, a good faith effort was made to conduct a comprehensive survey.

Macrotec accepts no liability for additional materials or under reporting of asbestos materials that exist below other floor coverings, behind walls or above ceilings.

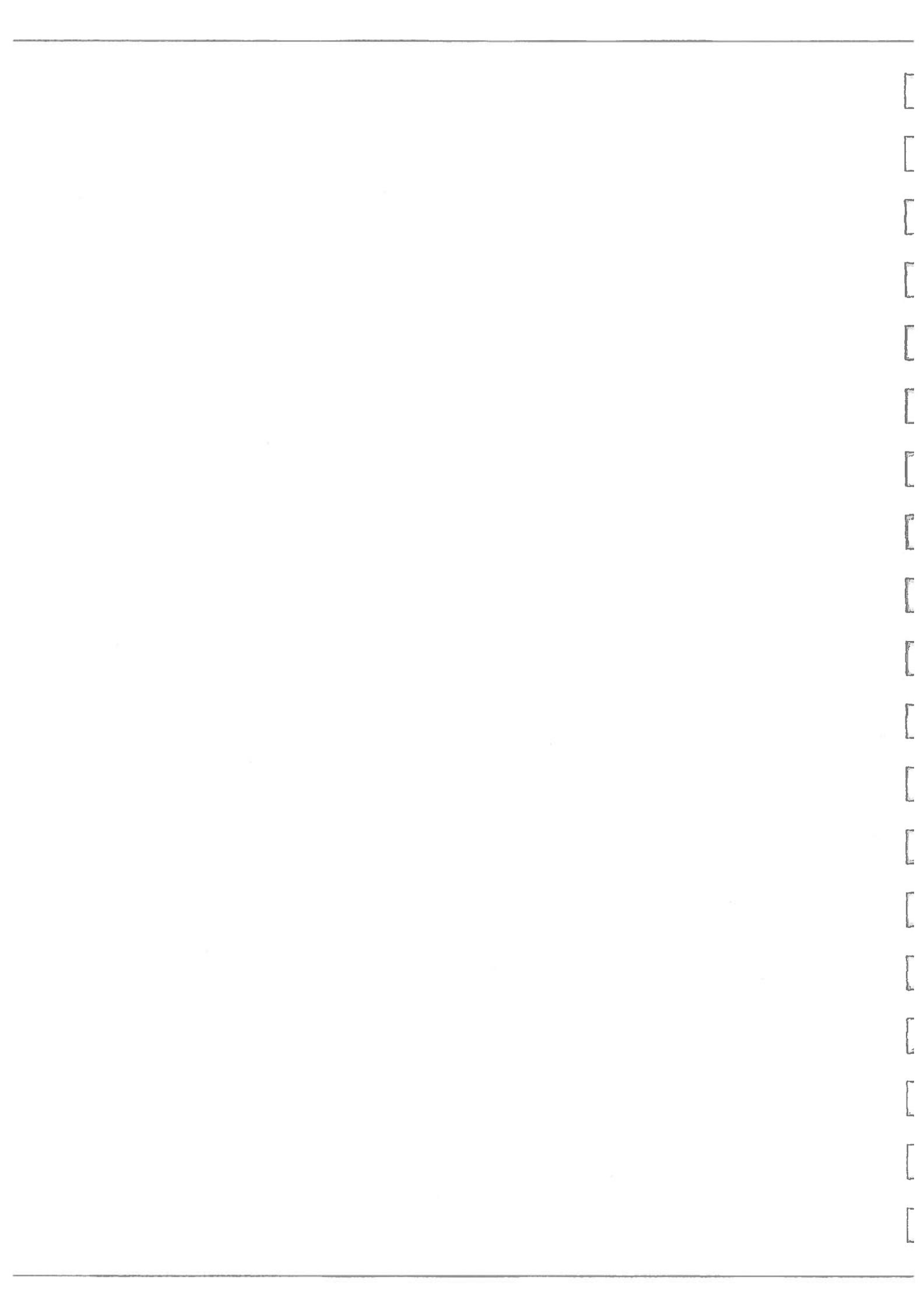
This report is not represented as, nor is it intended to be, an asbestos abatement scope of work or project specification.

If suspect materials are discovered during future demolition operations, cease all general work activities which could impact the discovered suspect materials, until confirmation sampling can be conducted.

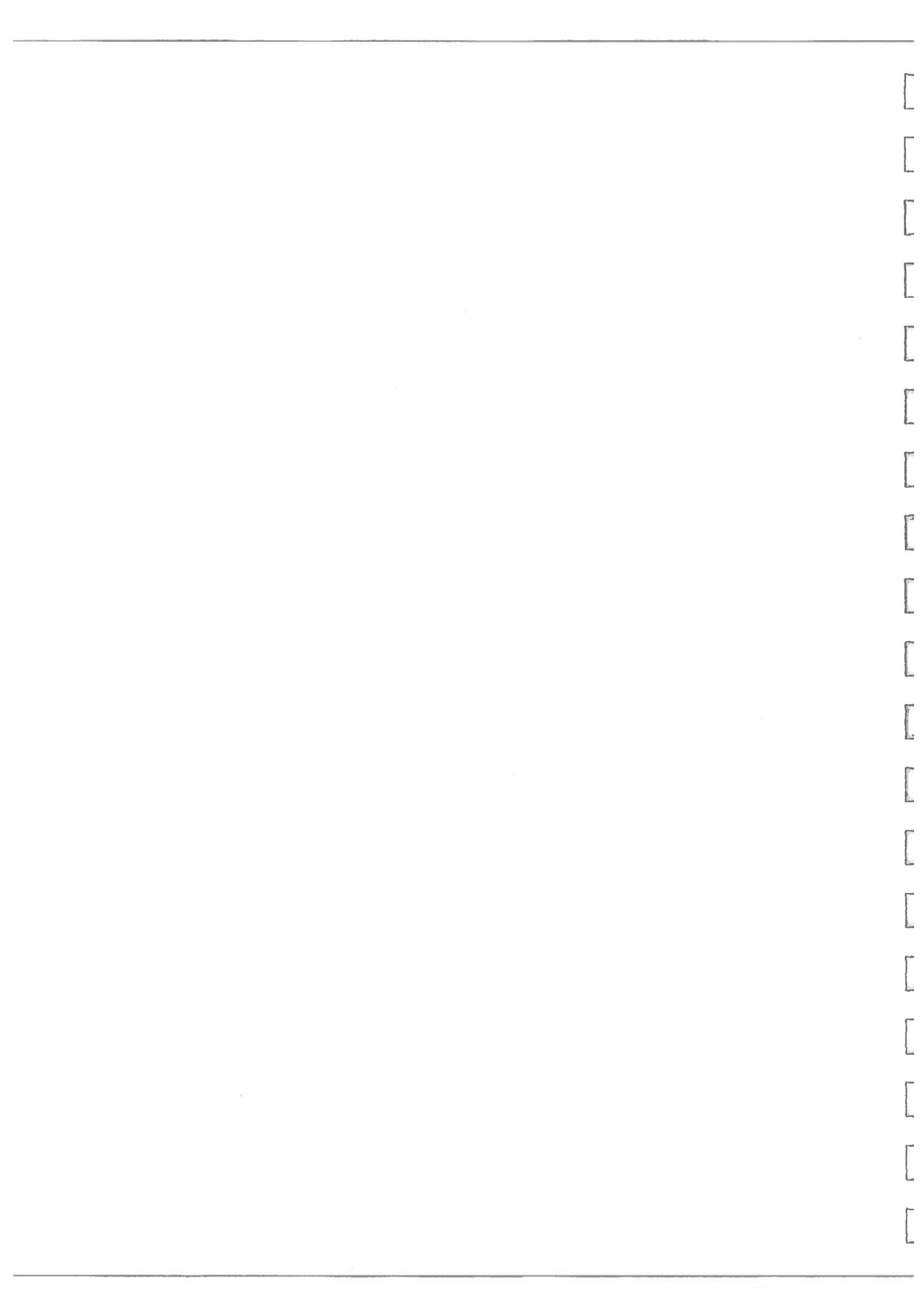
Thank you for allowing Macrotec Consulting to assist you with your environmental consulting needs. Please contact me with any questions regarding this report at (702) 949-6225.



Jason R. McAllister
Nevada-OSHA Certified Asbestos Abatement Consultant
License # IPM0901
US EPA Lead Risk Assessor
Certificate # NV-R-125427-1



Appendix A





Macrotec Consulting, LLC.

Appendix A - Asbestos Assessment

Macrotec Job #15193 - 1301 E. Webb Ave.

The following table lists each of the materials suspected to contain asbestos at the subject site. For each material the sample number, location and laboratory result are listed. If the material was found to contain asbestos, the friability and NESHAP classification is identified.

1 Wall Substrate (Drywall & Mud) -

No Asbestos Detected

This material is the substrate of the inner walls within the site.

AB1	Interior - Living Room - Adj. kitchen	None Detected
AB2	Interior - Women's Room - Adj. door	None Detected

2 Wall Texture -

Friable, Non-Regulated

This material is on the inner walls within the site.

AB3	Interior - Living Room - SW corner	0.50% Chrysotile
AB4	Interior - Bedroom - E wall	0.25% Chrysotile
AB5	Interior - Women's Room - NE corner	0.25% Chrysotile

3 9X9 VCT - Beige

Non-Friable, Category I

This material is on the floors throughout the site.

AB6	Interior - Living Room - SW corner	2% Chrysotile
AB7	Interior - Hall - Adj. Men's Room	2% Chrysotile

4 Black Floor Mastic -

No Asbestos Detected

This material is on the floors throughout the site.

AB8	Interior - Living Room - SW corner	None Detected
AB9	Interior - Hall - Adj. Men's Room	None Detected
AB26	Interior - Kitchen - NE corner	None Detected

5 Square Pattern Sheet Flooring -

No Asbestos Detected

This material is on the floors in the kitchen and entry.

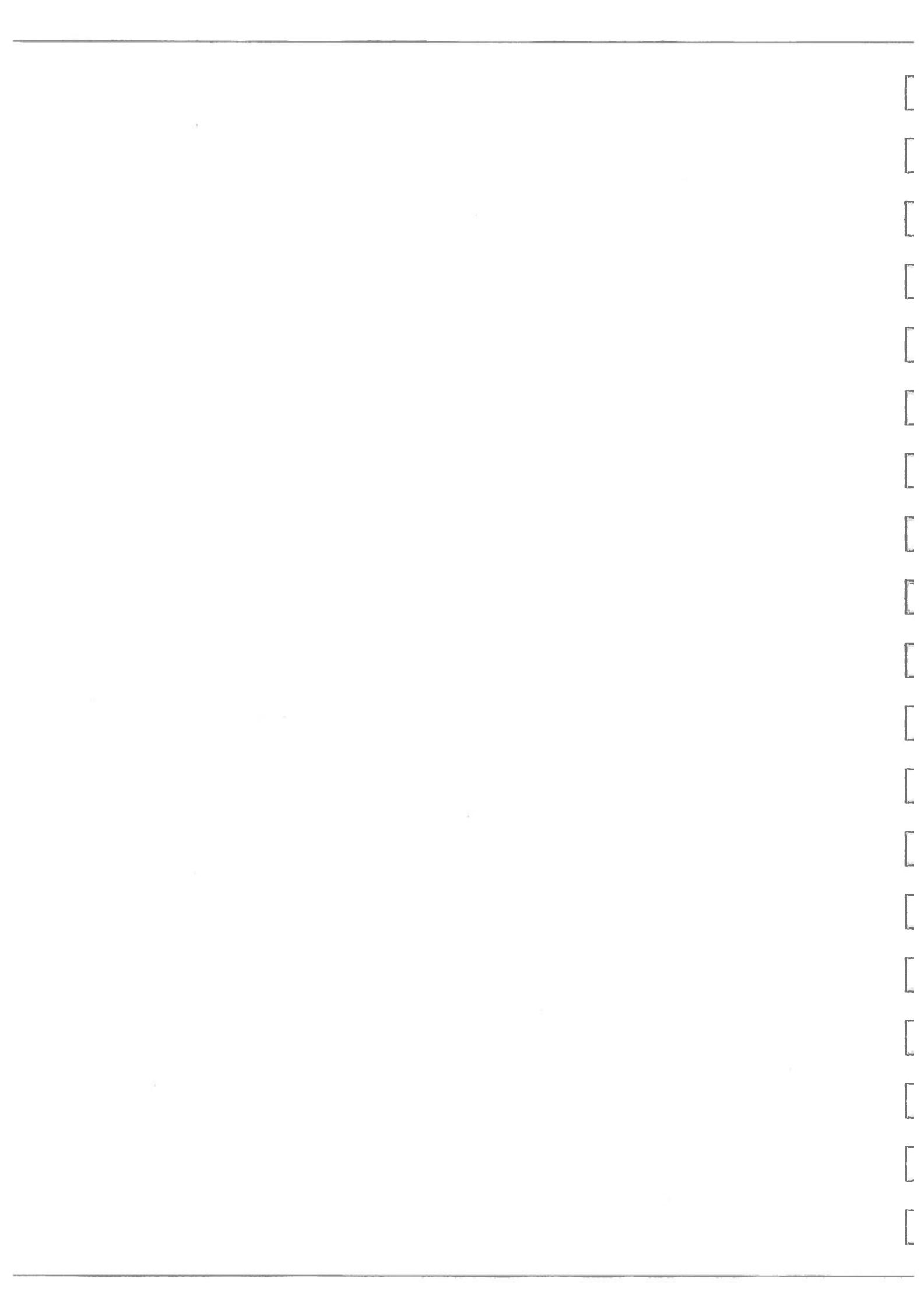
AB10	Interior - Kitchen - NE corner	None Detected
------	--------------------------------	---------------

6 12X12 VCT -

No Asbestos Detected

This material is on the floor in the men's room.

AB11	Interior - Men's Room - Adj. door	None Detected
------	-----------------------------------	---------------



Appendix A

Macrotec Job #15193 - 1301 E. Webb Ave.

7 Yellow Wall Mastic - **No Asbestos Detected**

This material is on several walls throughout the site.

AB12	Interior - Hallway - Adj. living room	None Detected
------	---------------------------------------	---------------

8 12x12 Acoustic Wall Tile - **No Asbestos Detected**

This material is on the east wall of the living room.

AB13	Interior - Living Room - E wall	None Detected
------	---------------------------------	---------------

9 Electric Wire Jacket - **No Asbestos Detected**

This material is throughout the site.

AB14	Interior - Living Room - Adj. hall	None Detected
------	------------------------------------	---------------

10 Duct Wrap - **Friable, RACM**

This material is on the duct in the attic space above the hall.

AB15	Interior - Bedroom - E side	98% Chrysotile
AB16	Interior - Kitchen - W side	98% Chrysotile

11 Stucco - **No Asbestos Detected**

This material is on exterior walls of the storage room on the northeast corner of the site.

AB17	Exterior - N side - W wall of storage	None Detected
AB18	Exterior - N side - N wall of storage	None Detected

12 Tar Paper (Behind Stucco) - **No Asbestos Detected**

This material is on exterior walls of the storage room on the northeast corner of the site.

AB19	Exterior - N side - E wall of storage	None Detected
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13 Window Putty - **No Asbestos Detected**

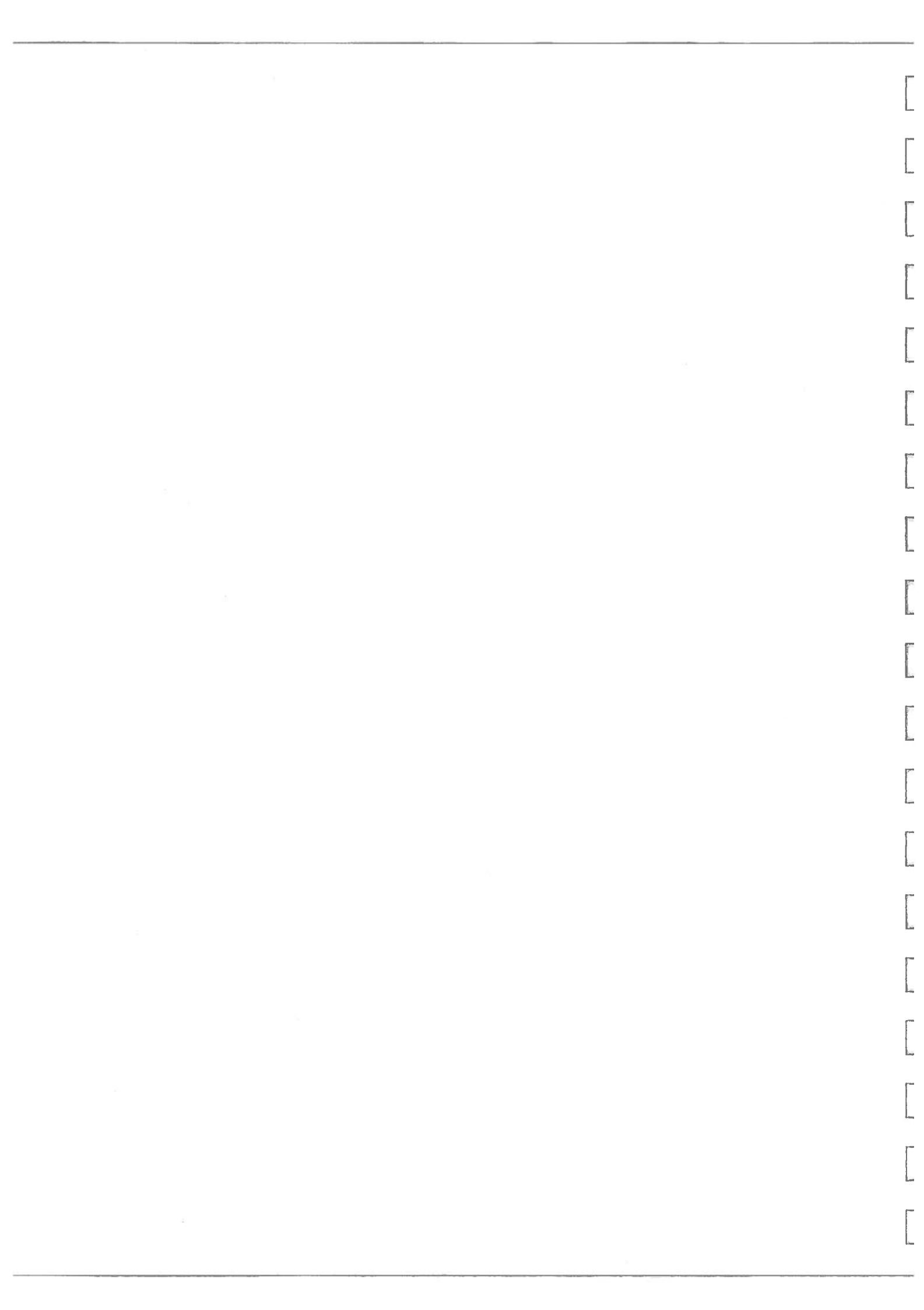
This material is on the exterior sides of the windows.

AB20	Exterior - W side - Adj. kitchen	None Detected
AB21	Interior - Bedroom - SW corner	None Detected

14 Gray Asphalt Roll Roofing - **No Asbestos Detected**

This material is the primary component on both the main roof and storage roof.

AB22	Exterior - Main Roof - N side	None Detected
------	-------------------------------	---------------



Appendix A

Macrotec Job #15193 - 1301 E. Webb Ave.

15 Gray Roof Mastic -

Non-Friable, Category I

This material is on pipes, ducts and seams on the roof.

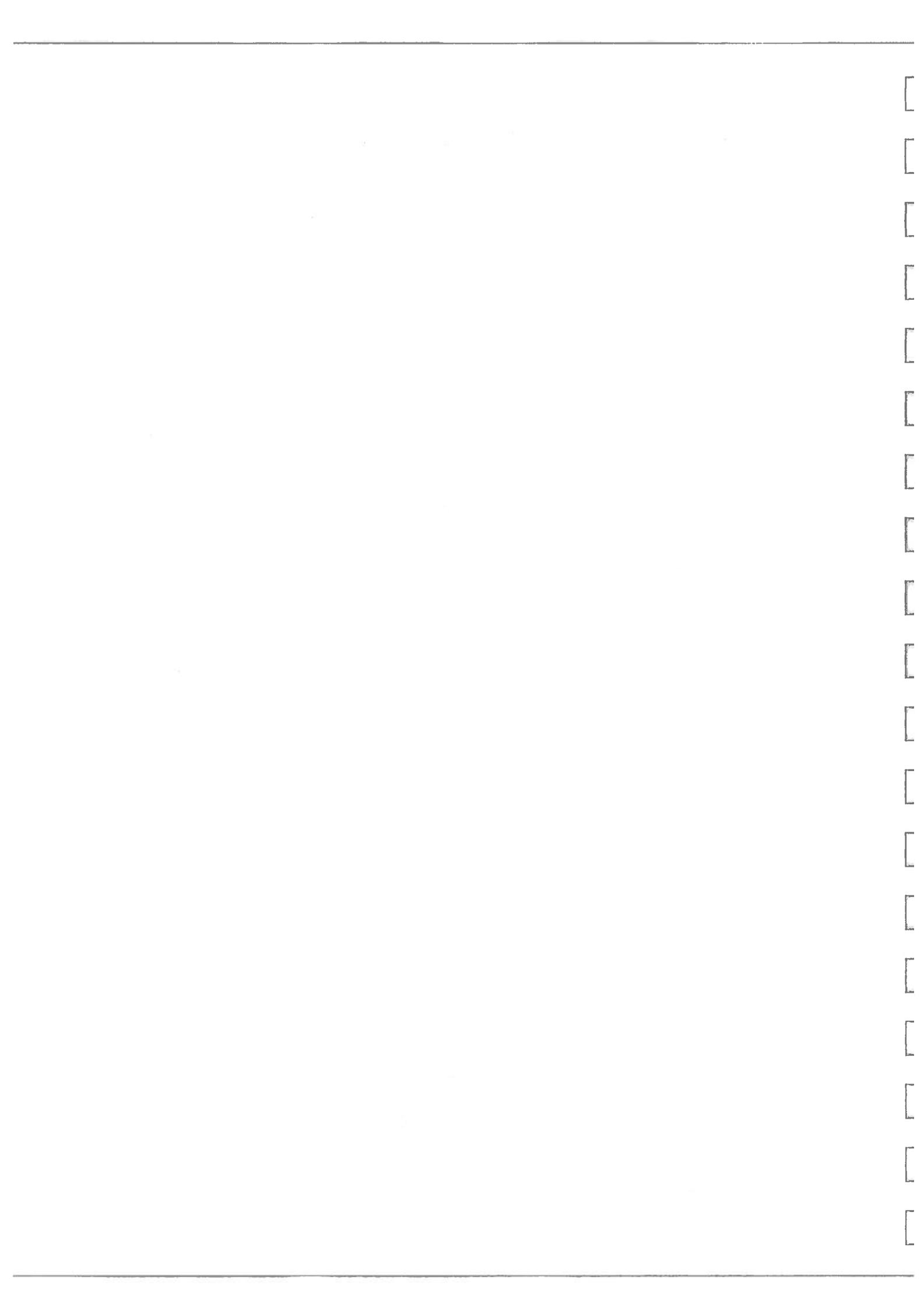
AB23	Exterior - Main Roof - N side, on duct	3% Chrysotile
AB24	Exterior - Main Roof - SE corner, on pipe	None Detected

16 Transite Pipe -

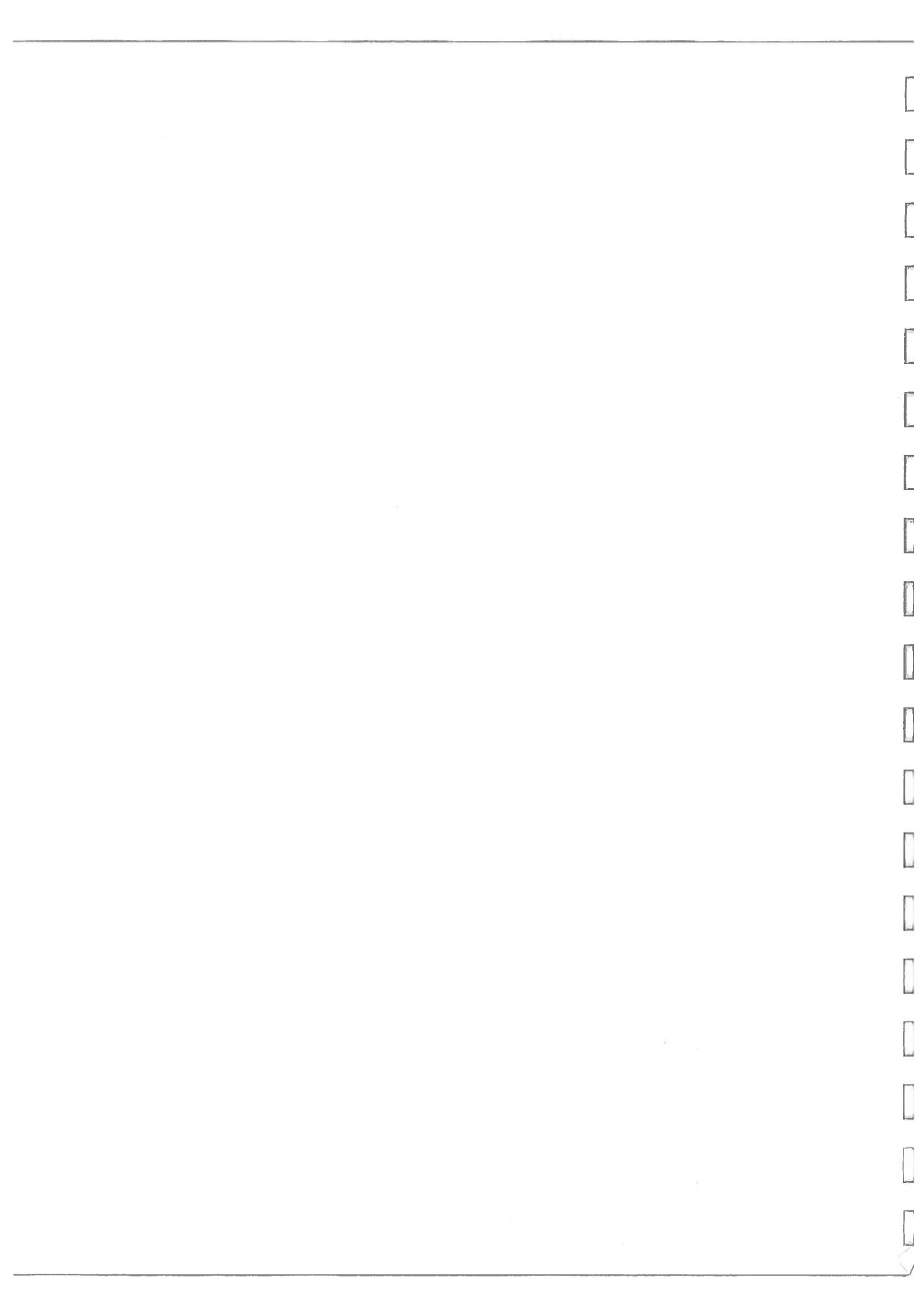
Non-Friable, Category II

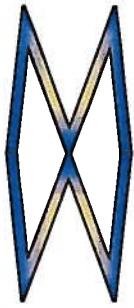
This material runs vertically between the kitchen and bathroom wall, up through the roof.

AB25	Exterior - Main Roof - E side	10% Chrys / 5% Crocidolite
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Appendix B





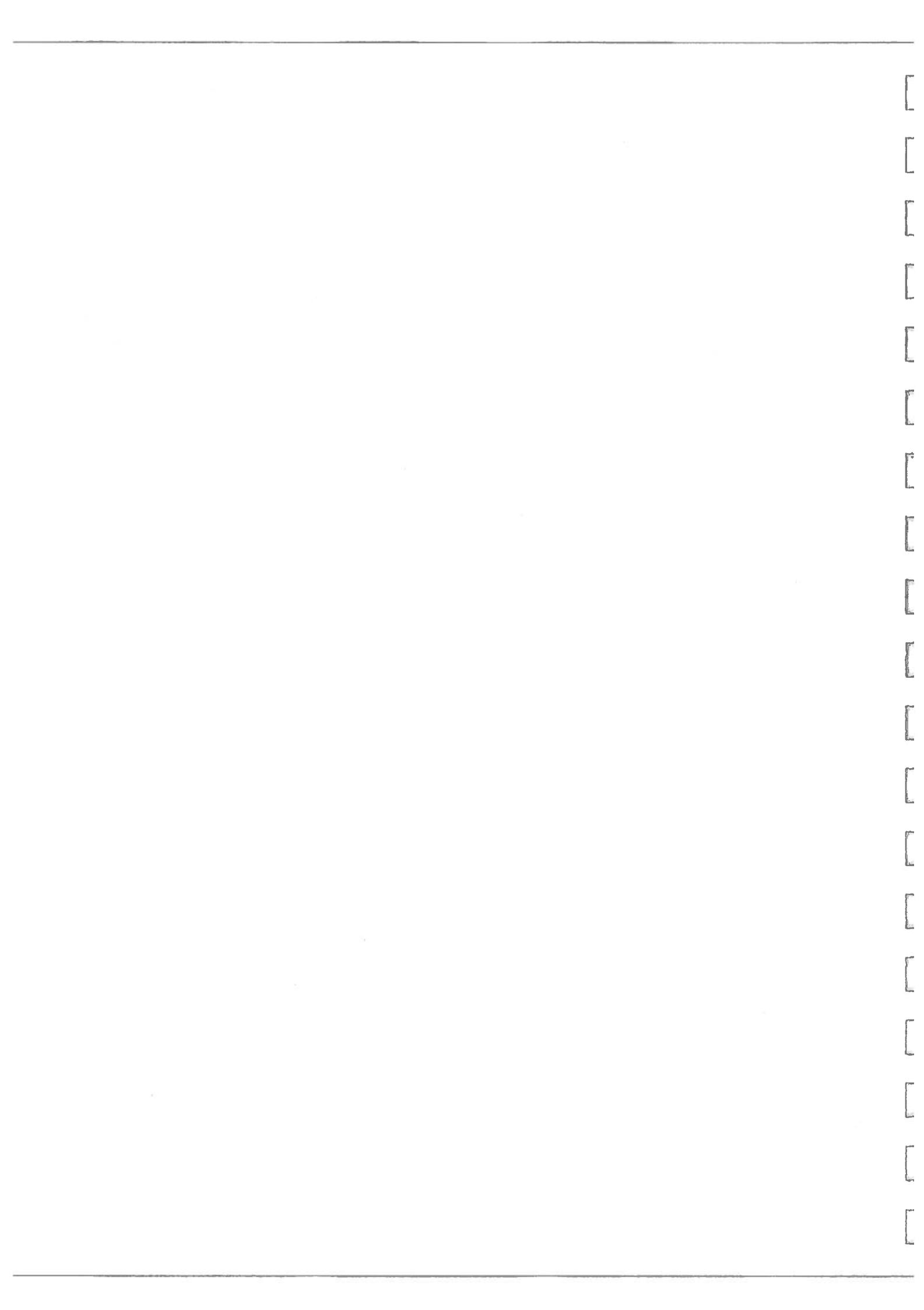
Macrotec Consulting, LLC.

Appendix B - Lead Assessment

Macrotec Job #15193 - 1301 E. Webb Ave.

The following table lists each of the painted surfaces found to contain lead at the subject site. Materials with a result greater than 1.0 mg/cm² are considered leaded by the EPA and HUD. Note: OSHA requires PPE for materials containing any amount of lead. For each painted surface, the description, material location and result are listed.

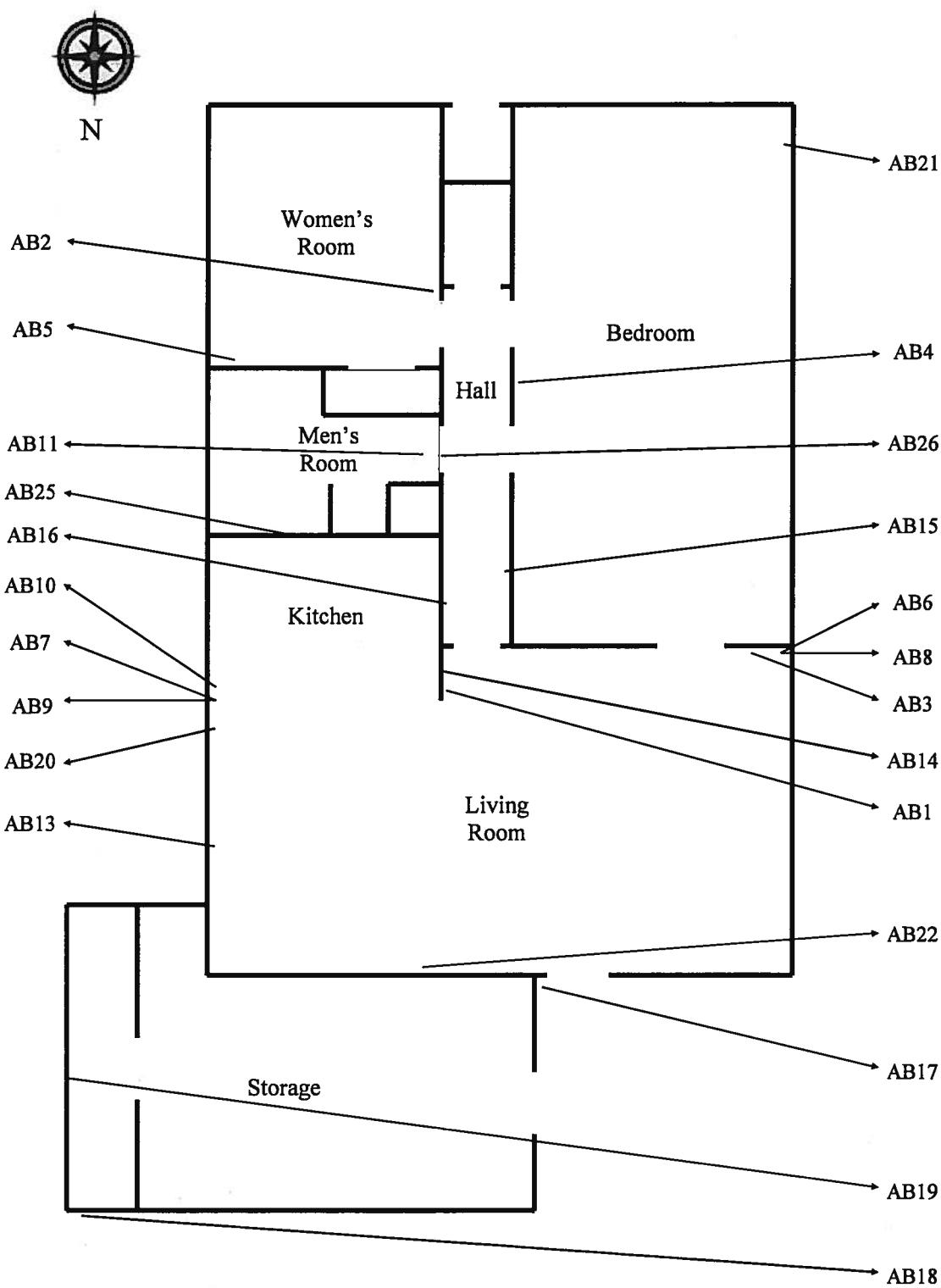
Painted Surface Description	Painted Surface Location	XRF Result (mg/cm ²)
Blue, Pink, White & Yellow Ceramic Shower Tiles	This material is on the walls and floors of the shower in the men's room.	5.3 - 9.5
Dark Green Bricks on Wall	This paint is on 10 bricks on the multi-colored west wall of the bedroom.	1.5 - 1.9

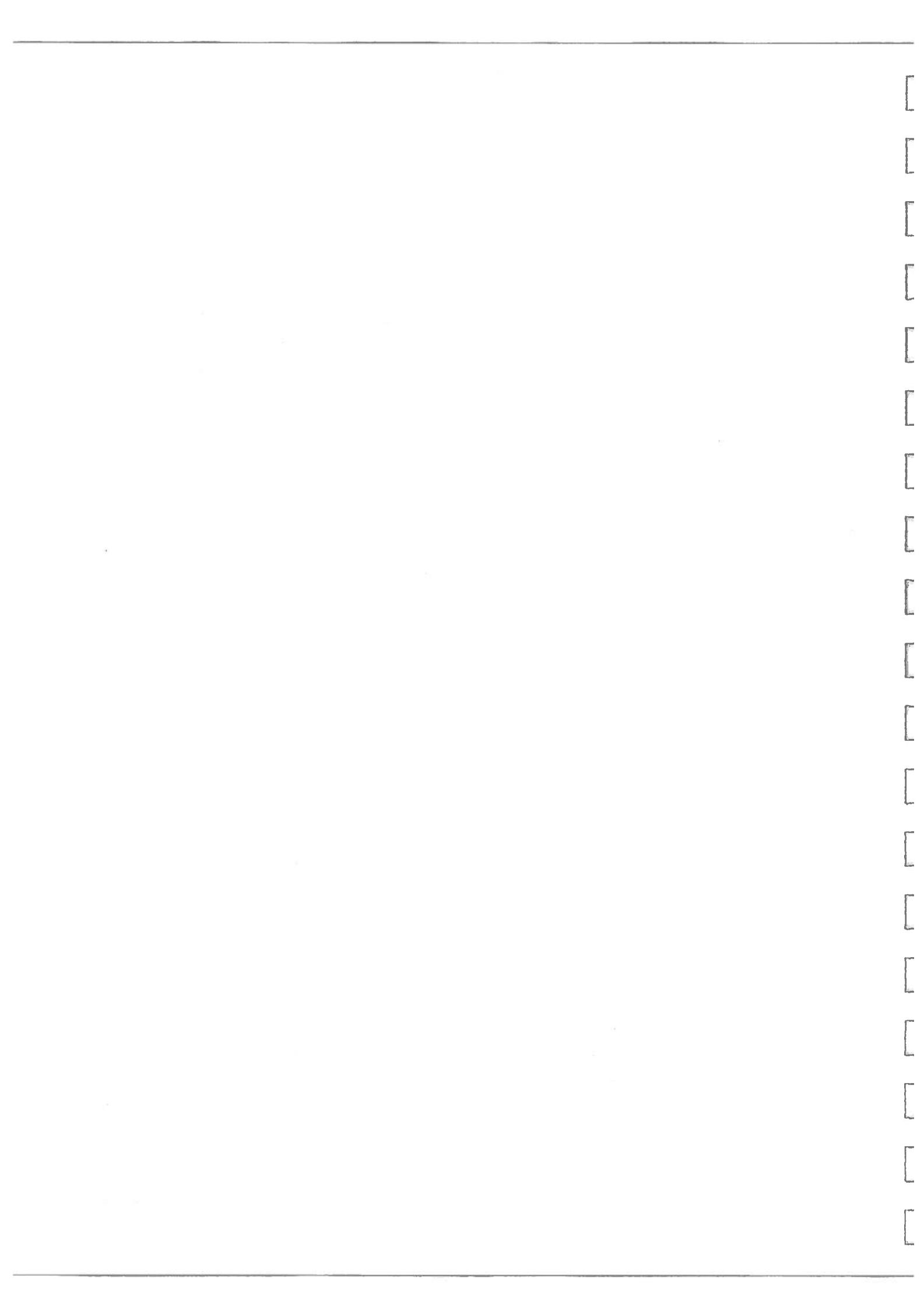


Appendix C

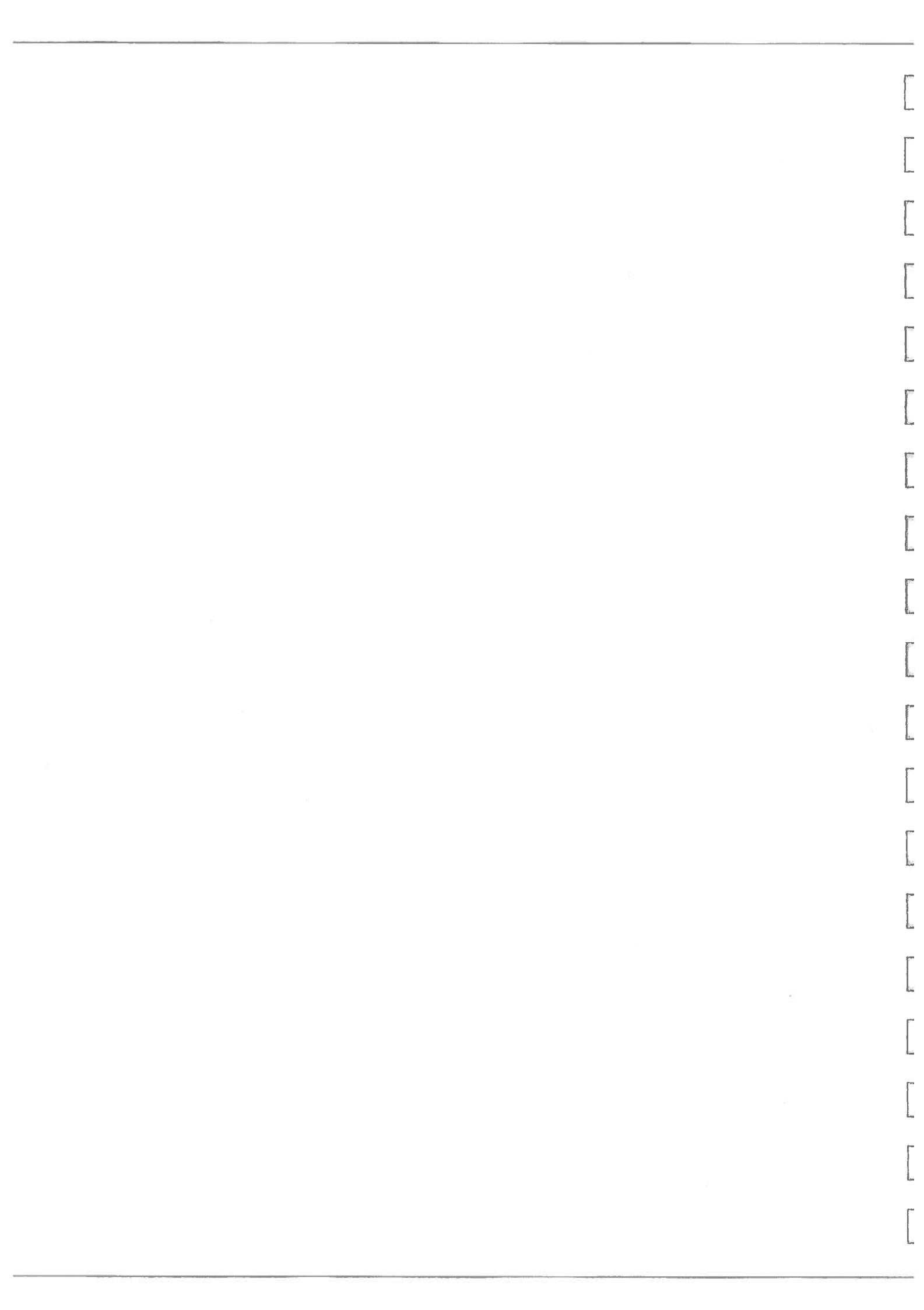


Sample Location Diagram





Appendix D



TRIANGLE ENVIRONMENTAL SERVICE CENTER, INC.

13509 East Boundary Road, Suite B, Midlothian, VA 23112
804-739-1751 • fax: 804-739-1753

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: Macrotoc Consulting
9724 Mild Weather Ct.
Las Vegas, NV 89148

TESC LOGIN #: 150624C

DATE OF RECEIPT: 6/24/2015
DATE OF ANALYSIS: 6/24/2015
DATE OF REPORT: 6/24/2015

CLIENT JOB/ #: 15193

JOB SITE: 1301 E. Webb Ave.

ANALYST: F. Jiang

TESC SAMPLE #	CLIENT SAMPLE ID & GROSS DESCRIPTION	ESTIMATED % ASBESTOS	NON ASBESTOS % FIBERS	NON FIBROUS % MATERIALS
1A	AB1-Drywall / White powder, brown fibers	NAD	10% Cellulose	90%
1B	AB1-Mud / White powder	NAD		100%
2A	AB2-Drywall / White powder, brown fibers	NAD	10% Cellulose	90%
2B	AB2-Mud / White powder	NAD		100%
3	AB3 / White powder	<1% Chrysotile		100%
4	AB4 / White powder	<1% Chrysotile		100%
5	AB5 / White powder	<1% Chrysotile		100%
6	AB6 / Beige vinyl	2% Chrysotile		98%
7	AB7 / Beige vinyl	2% Chrysotile		98%
8	AB8 / Black adhesive	NAD		100%

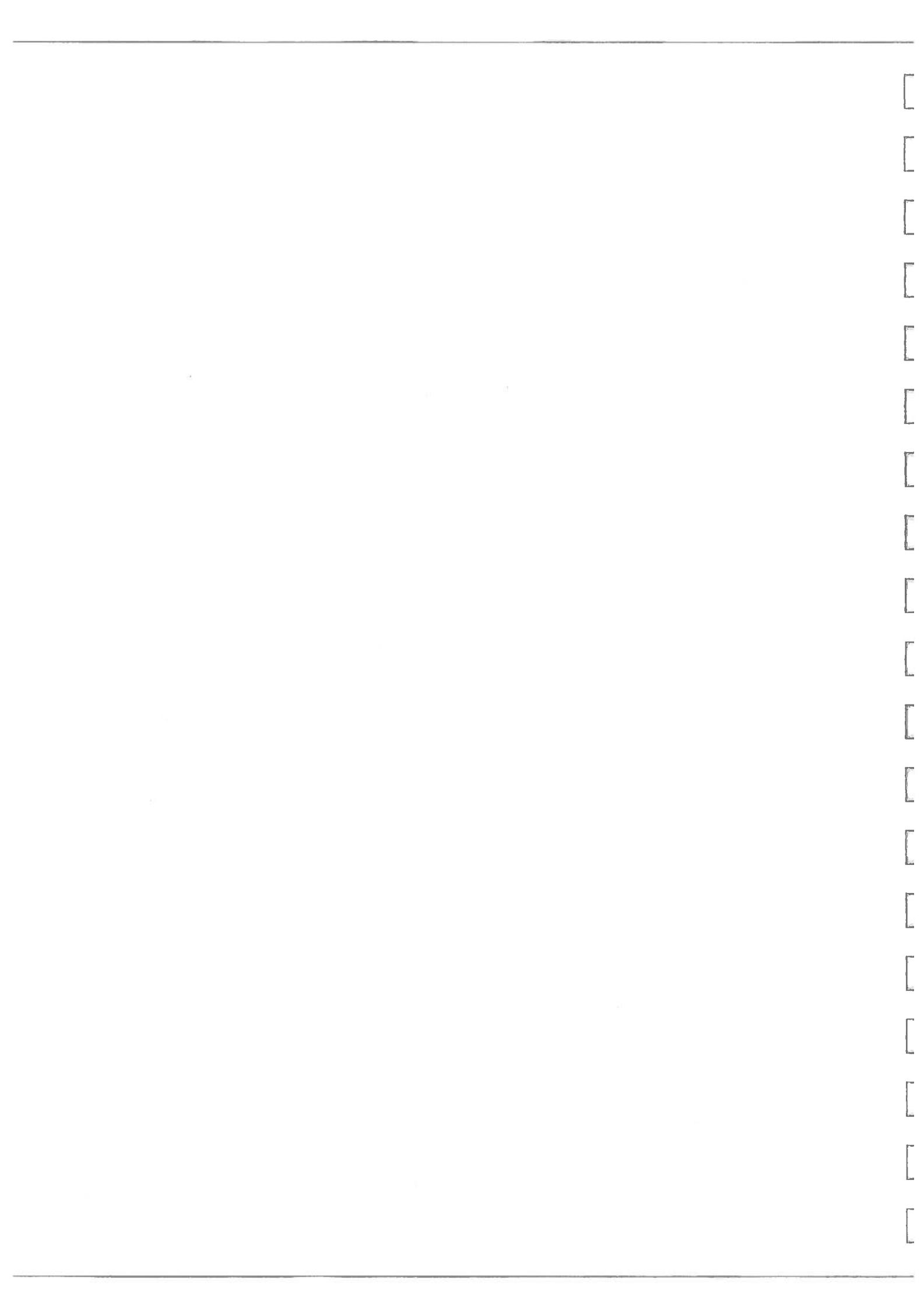
Samples are analyzed in accordance with "Interim Method for the Determination of Asbestos in Bulk Insulation Samples", EPA 600/M4-82-020, Dec. 1982 and "Method for the Determination of Asbestos in Bulk Building Materials", EPA 600/R-93/116, July 1993. None Detected: not detected at/or below the detected limit of method (Reporting limit: 1% Asbestos). Glass fiber is analyzed for quality control blank. TESC recommends by point count or Transmission Electron Microscopy (TEM), for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by Polarized Light Microscopy (PLM). Both services are available for an additional fee. This report shall not be reproduced, except in full written approval of Triangle Environmental Service Center, Inc. This report must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This test report relates only to the item(s) tested.

NVLAP Lab Code: 200794-0

[LEGEND NAD=No Asbestos Detected, Lino.=Linoleum, JC=Joint Compound]

Reviewed By Authorized Signatory:

Feng Jiang, MS Senior Geologist, Laboratory Director
Yuedong Fang, Senior Geologist



TRIANGLE ENVIRONMENTAL SERVICE CENTER, INC.

13509 East Boundary Road, Suite B, Midlothian, VA 23112
804-739-1751 • fax: 804-739-1753

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: Macrotec Consulting
9724 Mild Weather Ct.
Las Vegas, NV 89148

TESC LOGIN #: 150624C

DATE OF RECEIPT: 6/24/2015
DATE OF ANALYSIS: 6/24/2015
DATE OF REPORT: 6/24/2015

CLIENT JOB #: 15193

JOB SITE: 1301 E. Webb Ave.

ANALYST: F. Jiang

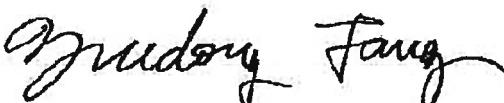
TESC SAMPLE #	CLIENT SAMPLE ID & GROSS DESCRIPTION	ESTIMATED % ASBESTOS	NON ASBESTOS % FIBERS	NON FIBROUS % MATERIALS
9	AB9 / Black adhesive	NAD		100%
10	AB10 / Beige lino., gray fibers	NAD	20% Cellulose	80%
11	AB11 / Orange vinyl	NAD		100%
12	AB12 / Yellow adhesive	NAD		100%
13	AB1 / Brown fibers	NAD	98% Cellulose	2%
14	AB14 / Dark brown fibers	NAD	98% Cellulose	2%
15	AB15 / Gray fibers	98% Chrysotile		2%
16	AB16 / Gray fibers	98% Chrysotile		2%
17	AB17 / Gray granular	NAD		100%
18	AB18 / Gray granular	NAD		100%

Samples are analyzed in accordance with "Interim Method for the Determination of Asbestos in Bulk Insulation Samples", EPA 600/M4-82-020, Dec. 1982 and "Method for the Determination of Asbestos in Bulk Building Materials", EPA 600/R-93/116, July 1993. None Detected: not detected at/or below the detected limit of method (Reporting limit: 1% Asbestos). Glass fiber is analyzed for quality control blank. TESC recommends by point count or Transmission Electron Microscopy (TEM), for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by Polarized Light Microscopy (PLM). Both services are available for an additional fee. This report shall not be reproduced, except in full written approval of Triangle Environmental Service Center, Inc. This report must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This test report relates only to the item(s) tested.

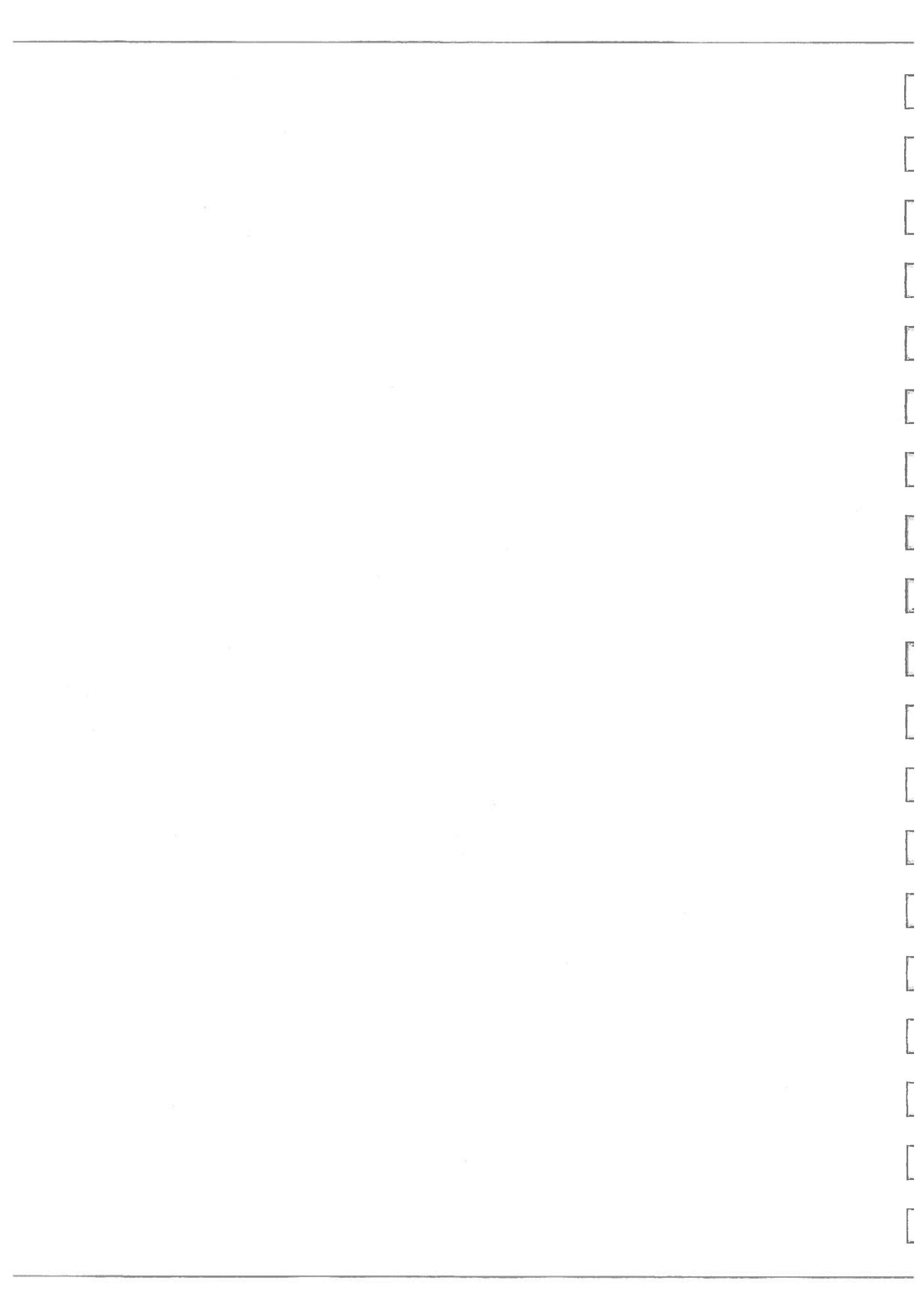
NVLAP Lab Code: 200794-0

[LEGEND NAD=No Asbestos Detected, Lino.=Linoleum, JC=Joint Compound]

Reviewed By Authorized Signatory:



Feng Jiang, MS Senior Geologist, Laboratory Director
Yuedong Fang, Senior Geologist



TRIANGLE ENVIRONMENTAL SERVICE CENTER, INC.

13509 East Boundary Road, Suite B, Midlothian, VA 23112
804-739-1751 • fax: 804-739-1753

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: Macrotec Consulting
9724 Mild Weather Ct.
Las Vegas, NV 89148

TESC LOGIN #: 150624C

DATE OF RECEIPT: 6/24/2015
DATE OF ANALYSIS: 6/24/2015
DATE OF REPORT: 6/24/2015

CLIENT JOB #: 15193

JOB SITE: 1301 E. Webb Ave.

ANALYST: F. Jiang

TESC SAMPLE #	CLIENT SAMPLE ID & GROSS DESCRIPTION	ESTIMATED % ASBESTOS	NON ASBESTOS % FIBERS	NON FIBROUS % MATERIALS
19	AB19 / Black fibers	NAD	98% Cellulose	2%
20	AB20 / Gray powder	NAD		100%
21	AB21 / Gray powder	NAD		100%
22	AB22 / Black tar-like	NAD	10% Cellulose 20% Fiberglass	70%
23	AB23 / Gray adhesive	3% Chrysotile		97%
24	AB24 / Gray adhesive	NAD	5% Cellulose	95%
25	AB25 / Gray cement	10% Chrysotile 5% Crocidolite		85%

Total Samples/Layers Analyzed: 27

Samples are analyzed in accordance with "Interim Method for the Determination of Asbestos in Bulk Insulation Samples", EPA 600/M4-82-020, Dec. 1982 and "Method for the Determination of Asbestos in Bulk Building Materials", EPA 600/R-93/116, July 1993. None Detected: not detected at/or below the detected limit of method (Reporting limit: 1% Asbestos). Glass fiber is analyzed for quality control blank. TESC recommends by point count or Transmission Electron Microscopy (TEM), for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by Polarized Light Microscopy (PLM). Both services are available for an additional fee. This report shall not be reproduced, except in full written approval of Triangle Environmental Service Center, Inc. This report must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This test report relates only to the item(s) tested.

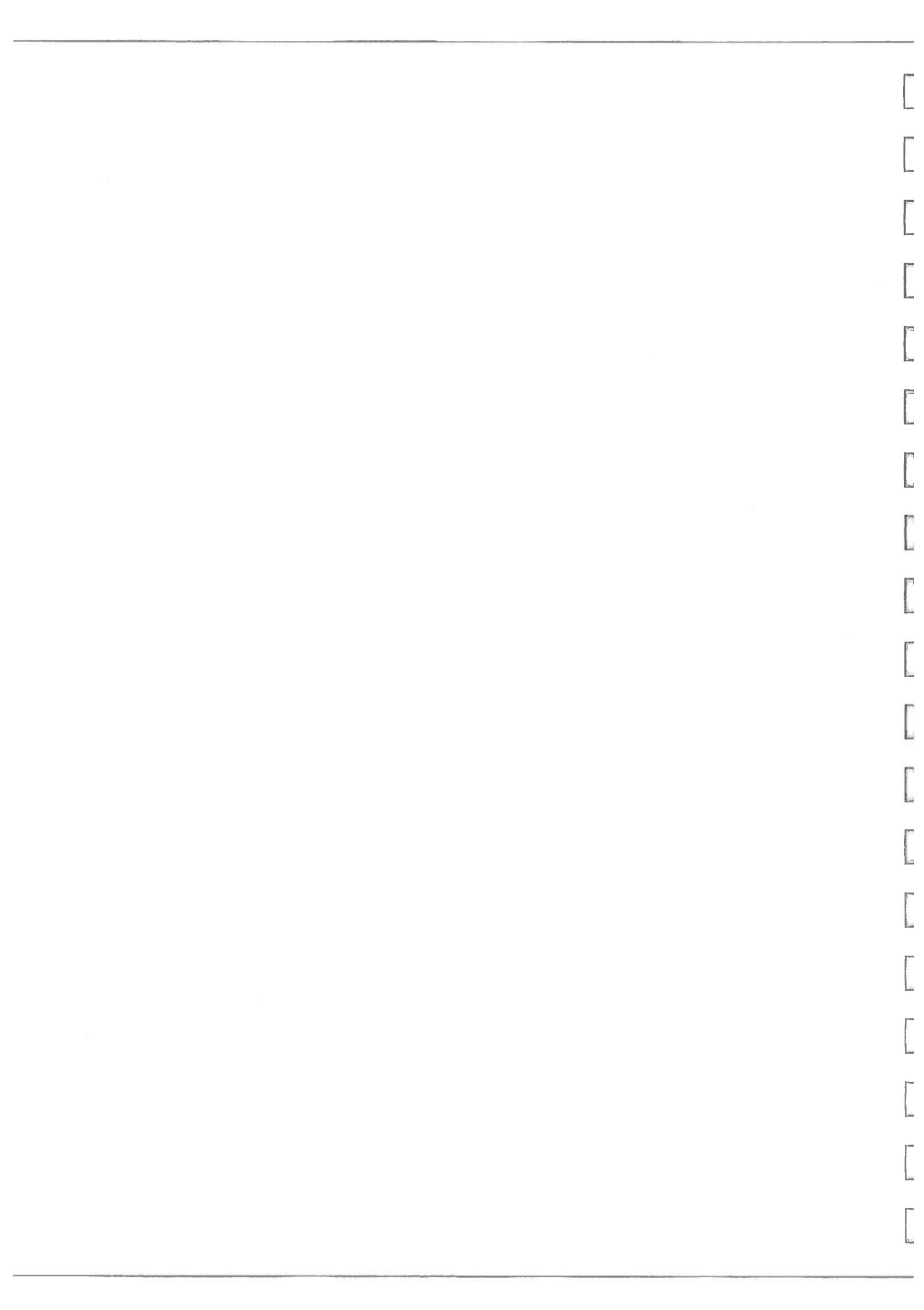
NVLAP Lab Code: 200794-0

[LEGEND NAD=No Asbestos Detected, Lino.=Linoleum, JC=Joint Compound]

Reviewed By Authorized Signatory:



Feng Jiang, MS Senior Geologist, Laboratory Director
Yuedong Fang, Senior Geologist



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13509 East Boundary Road, Suite B, Midlothian, VA 23112
804-739-1751 • fax: 804-739-1753

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: Macrotac Consulting
9724 Mild Weather Ct.
Las Vegas, NV 89148

TESC LOGIN #: 150625M

DATE OF RECEIPT: 6/25/2015
DATE OF ANALYSIS: 6/25/2015
DATE OF REPORT: 6/25/2015

CLIENT JOB: 15193

JOB SITE: 1301 E. Webb Ave.

ANALYST: F. Jiang

TESC SAMPLE #	CLIENT SAMPLE ID & GROSS DESCRIPTION	ESTIMATED % ASBESTOS	NON ASBESTOS % FIBERS	NON FIBROUS % MATERIALS
1	AB26 / Black Adhesive	NAD		100%

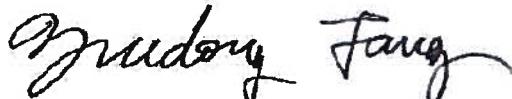
Total Samples/Layers Analyzed: 1

Samples are analyzed in accordance with "Interim Method for the Determination of Asbestos in Bulk Insulation Samples", EPA 600/M4-82-020, Dec. 1982 and "Method for the Determination of Asbestos in Bulk Building Materials", EPA 600/R-93/116, July 1993. None Detected: not detected at/or below the detected limit of method (Reporting limit: 1% Asbestos). Glass fiber is analyzed for quality control blank. TESC recommends by point count or Transmission Electron Microscopy (TEM), for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by Polarized Light Microscopy (PLM). Both services are available for an additional fee. This report shall not be reproduced, except in full written approval of Triangle Environmental Service Center, Inc. This report must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This test report relates only to the item(s) tested.

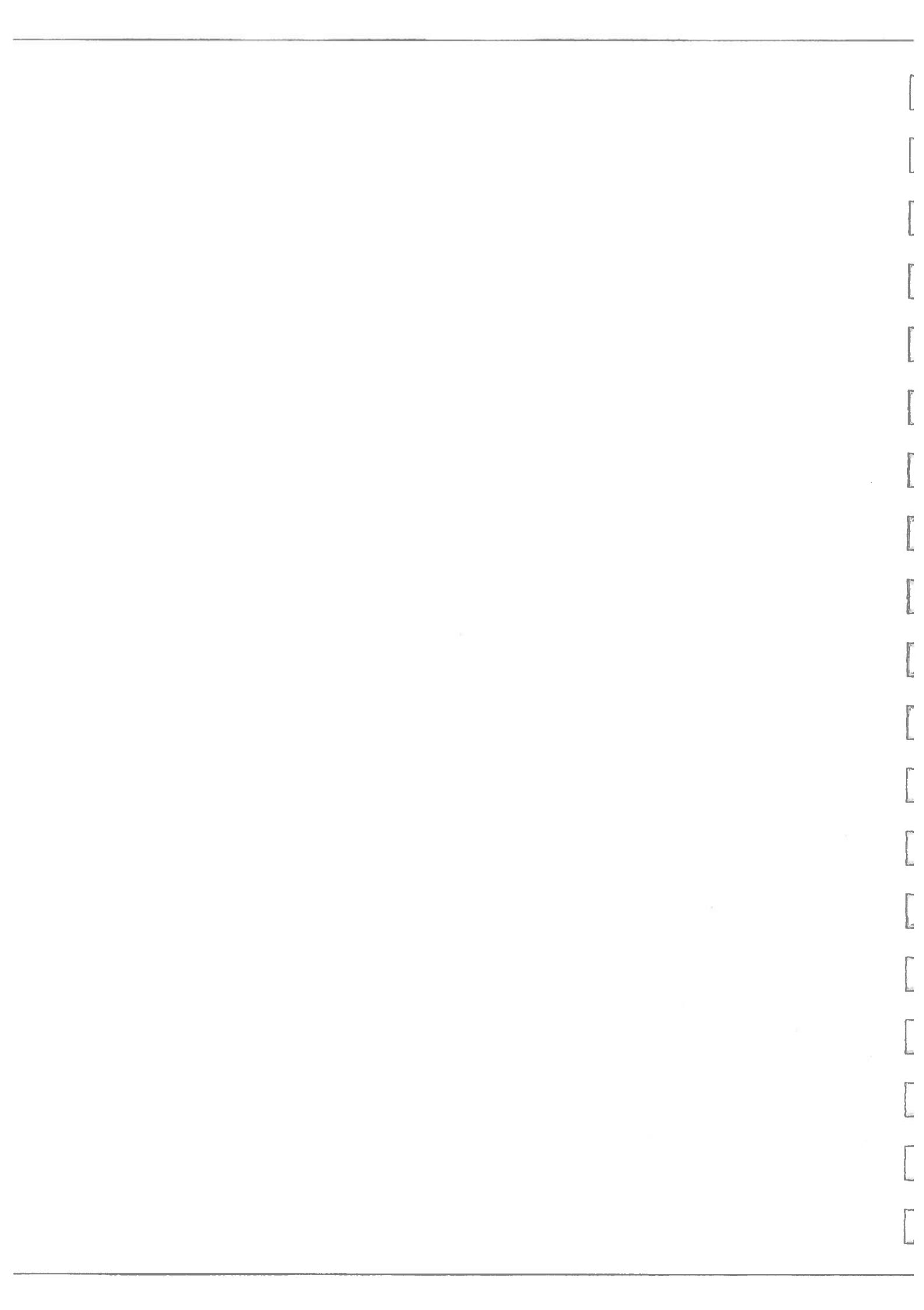
NVLAP Lab Code: 200794-0

[LEGEND NAD=No Asbestos Detected, Lino.=Linoleum, JC=Joint Compound]

Reviewed By Authorized Signatory:



Feng Jiang, MS Senior Geologist, Laboratory Director
Yuedong Fang, Senior Geologist



TRIANGLE ENVIRONMENTAL SERVICE CENTER, INC.

13509 E. Boundary Rd. Suite B • Midlothian, VA 23112
Tel: 804-739-1751 • Fax: 804-739-1753

ASBESTOS POINT COUNT ANALYSIS SUMMARY

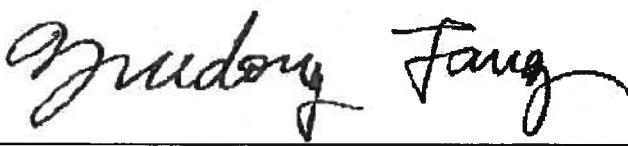
CLIENT:	Macrotec Consulting 9724 Mild Weather Ct. Las Vegas, NV 89148	TESC LOGIN#:	150625AB
CLIENT JOB#:	15193	DATE OF RECEIPT:	06/25/15
JOB SITE:	1301 E. Webb Ave.	DATE OF ANALYSIS:	06/25/15
REPORTING LIMIT:	0.25% Asbestos	DATE OF REPORT:	06/26/15
ANALYST:	F. Jiang		

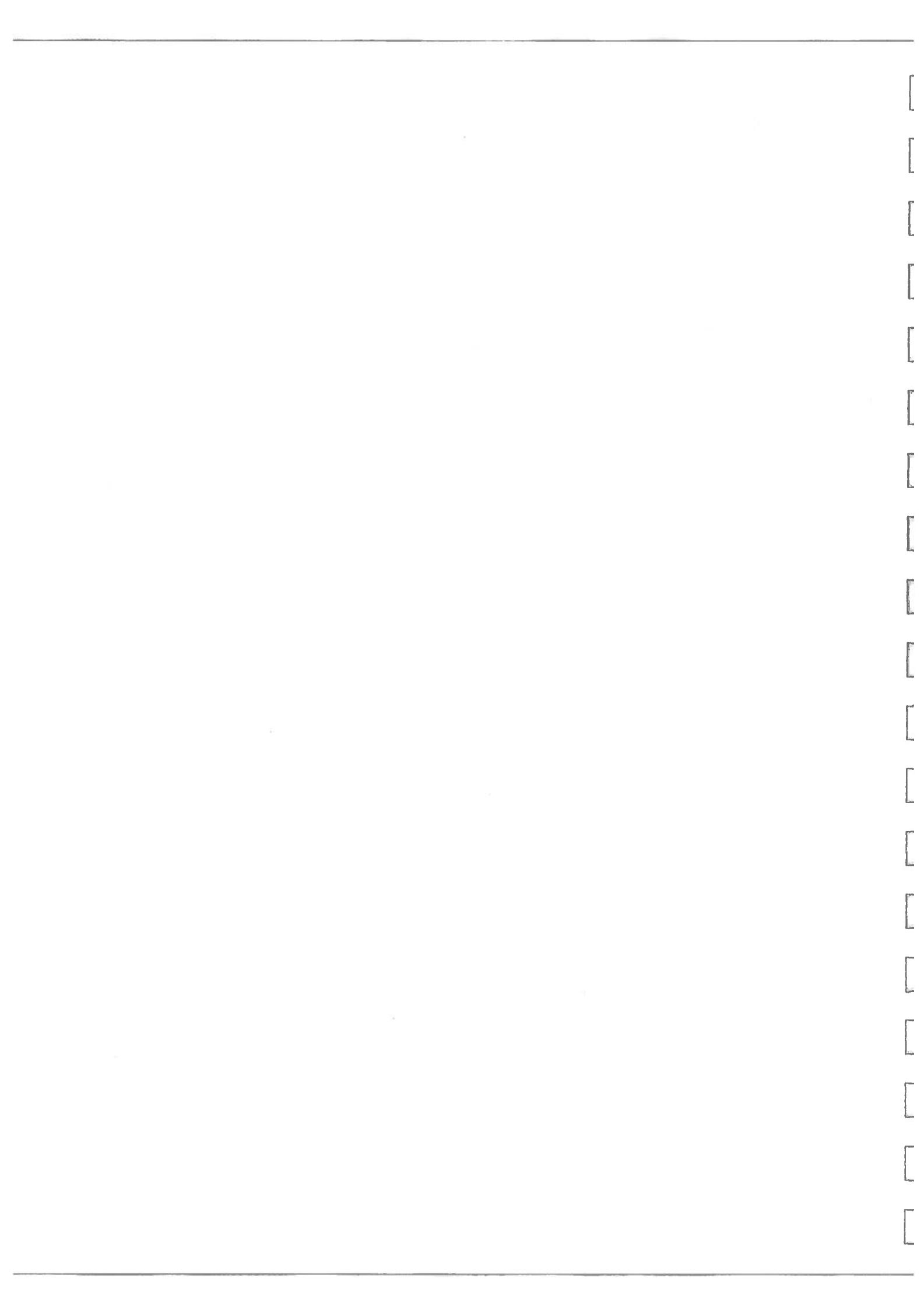
TESC SAMPLE #	CLIENT SAMPLE ID & GROSS DESCRIPTION	% ASBESTOS
1	AB3 / White powder	0.50% Chrysotile
2	AB4 / White powder	0.25% Chrysotile
3	AB5 / White powder	0.25% Chrysotile

Total Sample(s) Analyzed: 3

Samples are analyzed in accordance with "interim Method for the Determination of Asbestos in Bulk Insulation Samples", EPA/600/R-93-116, July 1993 (EPA-600/M4-82-020, Dec 1982), or the current US EPA method for the analysis of asbestos in building material. This report must not be reproduced except in full with approval of Triangle Environmental Service Center, Inc. This test report relates only to the item(s) tested. NVLAP Lab Code: 200794-0 [LEGEND NAD = No Asbestos Detected]

Reviewed By Authorized Signatory:


Feng Jiang, MS, Senior Geologist, Laboratory Director
Yuedong Fang, Senior Geologist



Macrotec

Consulting, LLC

office@macrotecconsulting.com

Phone: (702) 949-6225
Fax: (702) 629-5677

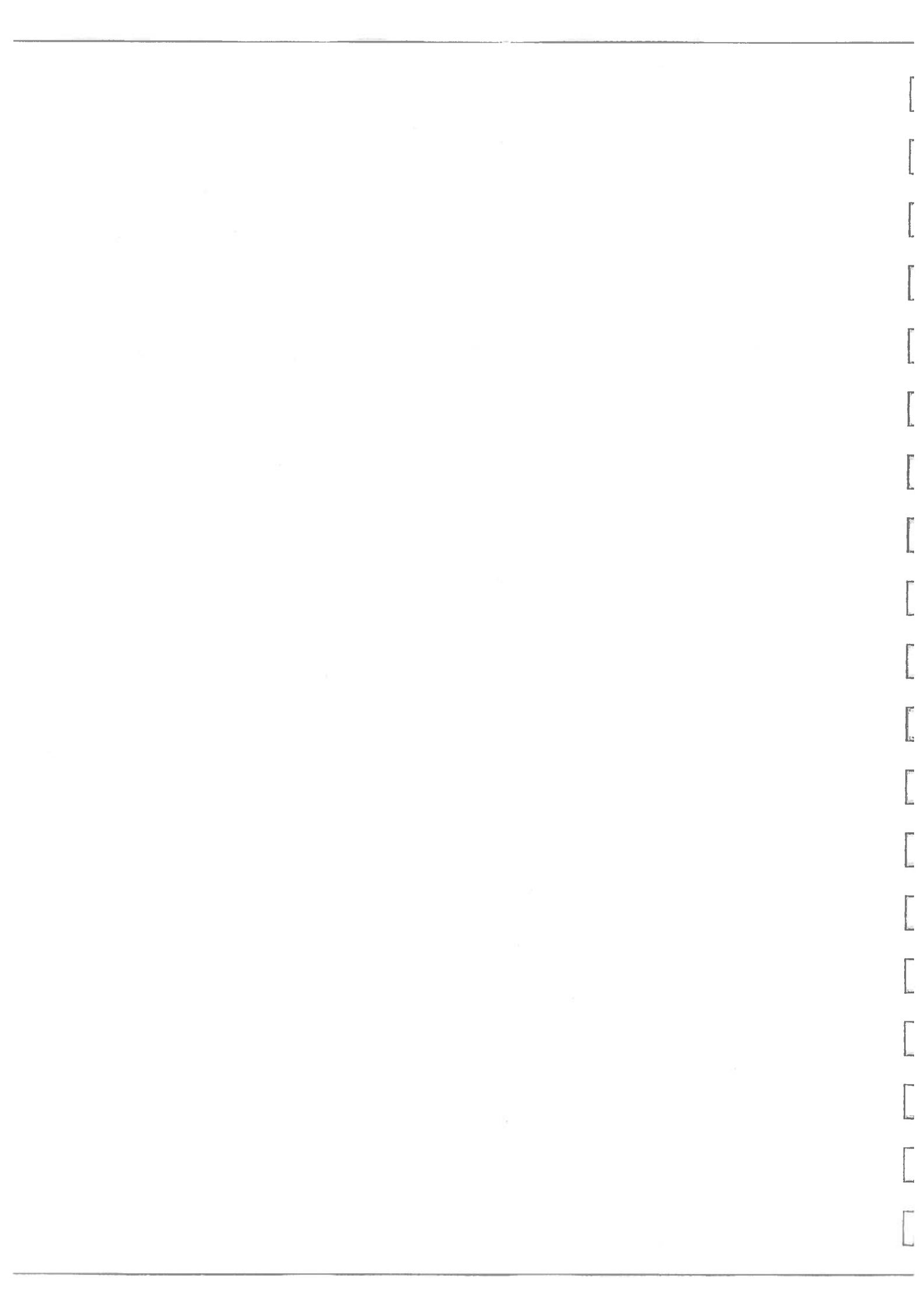
Bulk Sampling Chain of Custody Form

Client Name McGinley Project Number 15193
 Project Name 1301 E. Webb Ave. Collection Date 6/23/2015
 Project Location 1301 E. Webb Ave. WO Number _____
 Technician Jason R McAllister Turn Around Time Rush
 Laboratory TESC Method of Analysis PLM
 Stop at 1st Positive?: Y/N Composite Wall Substrate?: Y/N Matrix Bulk

Sample # H #	Count	Sample Description (Material Type : Color / Description)	Sample Location (General : Room : Specific)
1	AB1	Wall Substrate (Drywall & Mud) -	Interior - Living Room - Adj. kitchen
1	AB2	Wall Substrate (Drywall & Mud) -	Interior - Women's Room - Adj. door
2	AB3	Wall Texture -	Interior - Living Room - SW corner
2	AB4	Wall Texture -	Interior - Bedroom - E wall
2	AB5	Wall Texture -	Interior - Women's Room - NE corner
3	AB6	9X9 VCT - Beige	Interior - Living Room - SW corner
3	AB7	9X9 VCT - Beige	Interior - Hall - Adj. Men's Room
4	AB8	Black Floor Mastic -	Interior - Living Room - SW corner
4	AB9	Black Floor Mastic -	Interior - Hall - Adj. Men's Room
5	AB10	Square Pattern Sheet Flooring -	Interior - Kitchen - NE corner
6	AB11	12X12 VCT -	Interior - Men's Room - Adj. door
7	AB12	Yellow Wall Mastic -	Interior - Hallway - Adj. living room
8	AB13	12x12 Acoustic Wall Tile -	Interior - Living Room - E wall
9	AB14	Electric Wire Jacket -	Interior - Living Room - Adj. hall
10	AB15	Duct Wrap -	Interior - Bedroom - E side
10	AB16	Duct Wrap -	Interior - Kitchen - W side
11	AB17	Stucco -	Exterior - N side - W wall of storage
11	AB18	Stucco -	Exterior - N side - N wall of storage
12	AB19	Tar Paper (Behind Stucco) -	Exterior - N side - E wall of storage
13	AB20	Window Putty -	Exterior - W side - Adj. kitchen
13	AB21	Window Putty -	Interior - Bedroom - SW corner

Relinquished By: _____ Date: _____ Received By: _____ Date: _____

Relinquished By: _____ Date: _____ Received By: _____ Date: _____



Macrotec

Consulting, LLC

office@macrotecconsulting.com

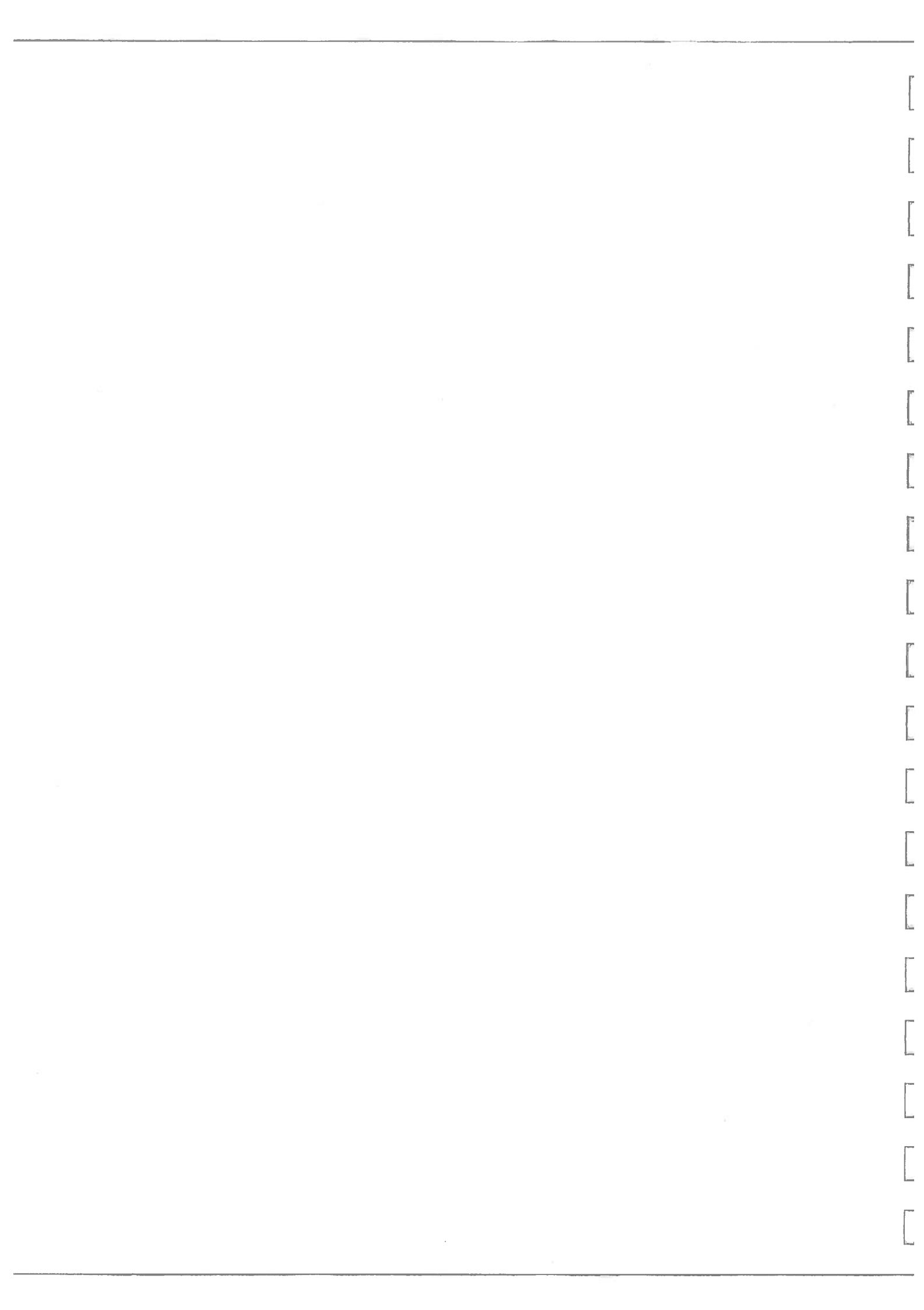
Phone: (702) 949-6225
Fax: (702) 629-5677

Bulk Sampling Chain of Custody Form

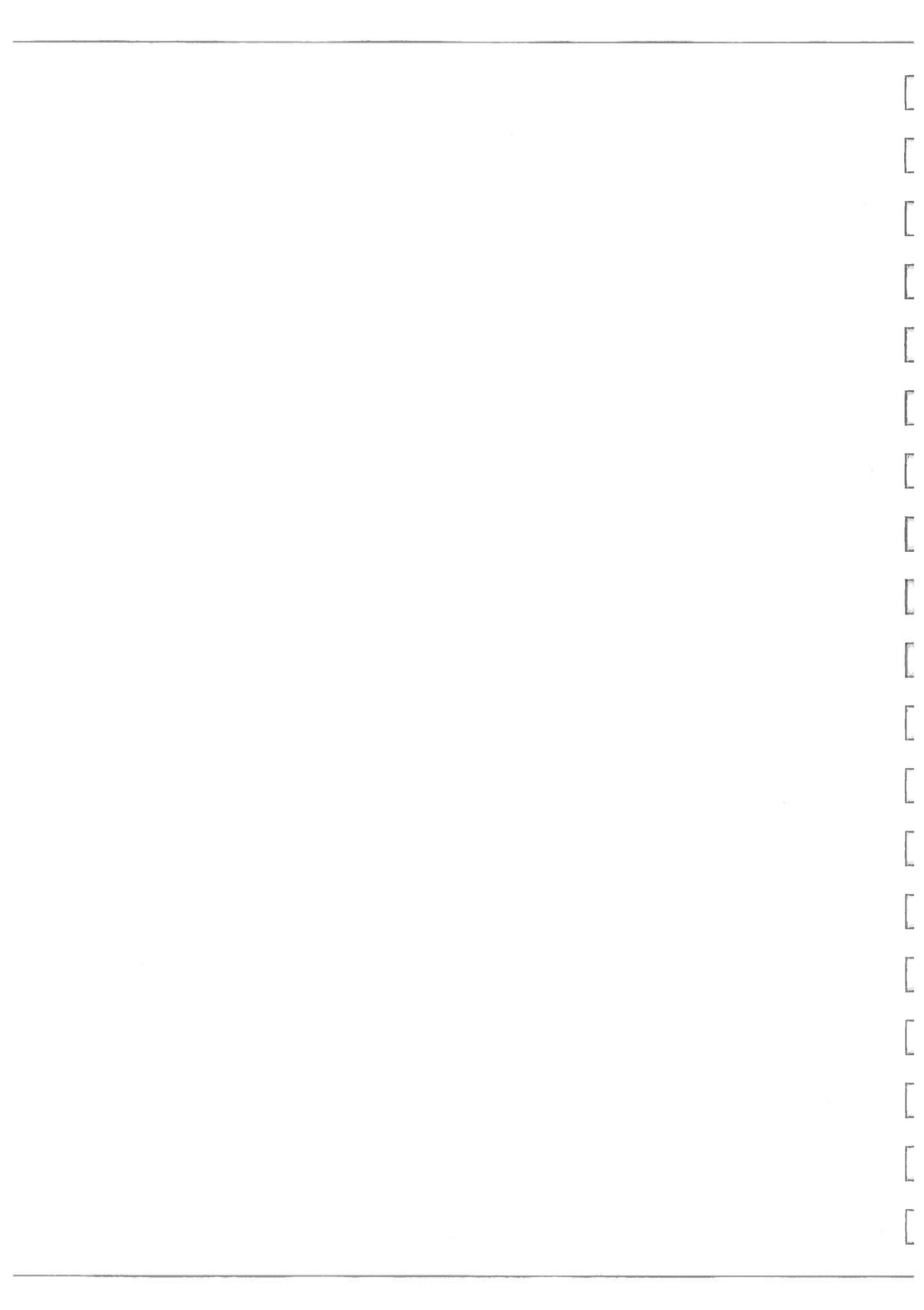
Client Name McGinley Project Number 15193
 Project Name 1301 E. Webb Ave. Collection Date 6/23/2015
 Project Location 1301 E. Webb Ave. WO Number _____
 Technician Jason R McAllister Turn Around Time Rush
 Laboratory TESC Method of Analysis PLM
 Stop at 1st Positive?: Y / N Composite Wall Substrate?: Y / N Matrix Bulk

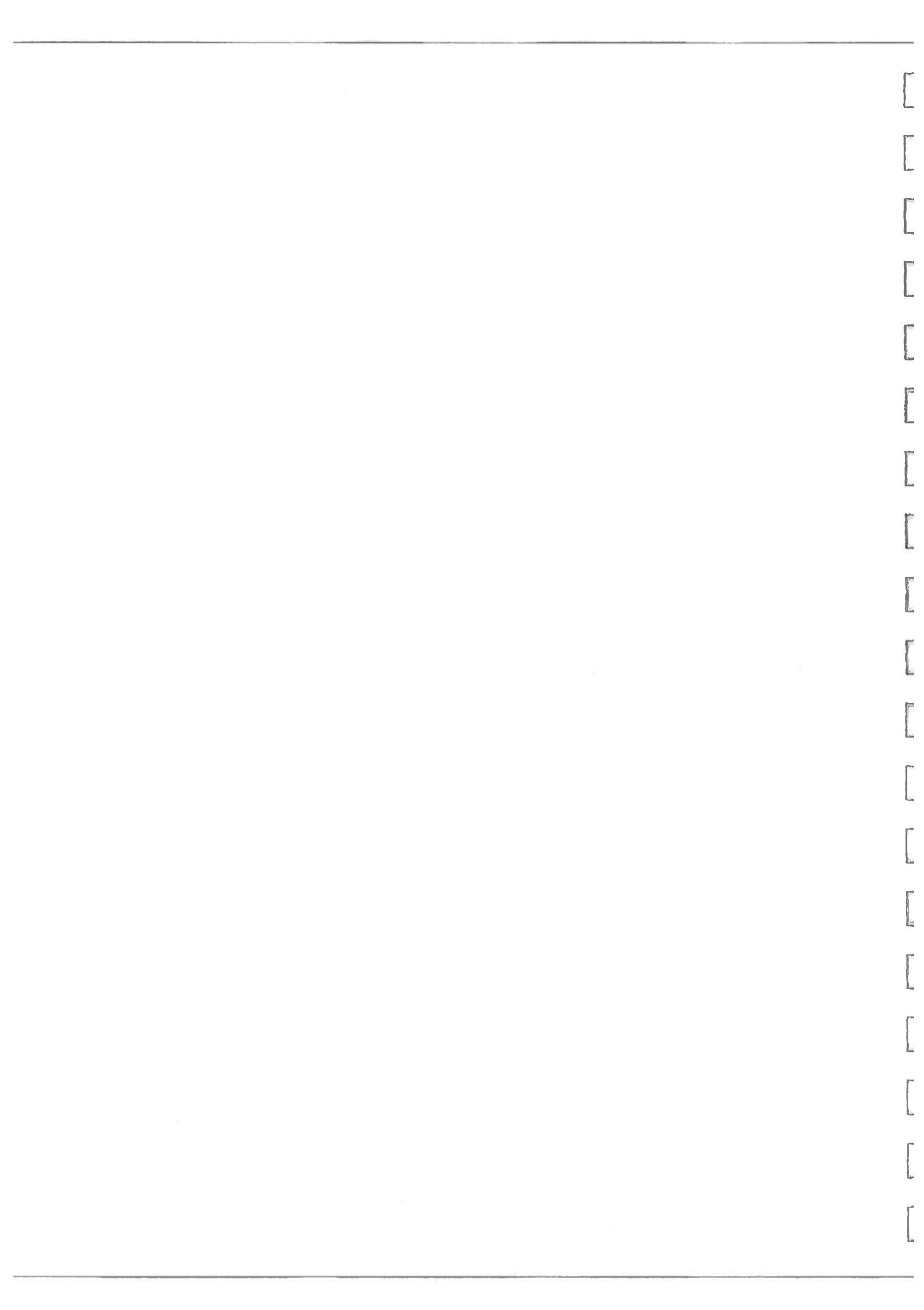
Sample #	Sample Description (Material Type : Color / Description)		Sample Location (General : Room : Specific)
H #	Count		
14	AB22	Gray Asphalt Roll Roofing -	Exterior - Main Roof - N side
15	AB23	Gray Roof Mastic -	Exterior - Main Roof - N side, on duct
15	AB24	Gray Roof Mastic -	Exterior - Main Roof - SE corner, on pipe
16	AB25	Transite Pipe -	Exterior - Main Roof - E side
4	AB26	Black Floor Mastic -	Interior - Kitchen - NE corner

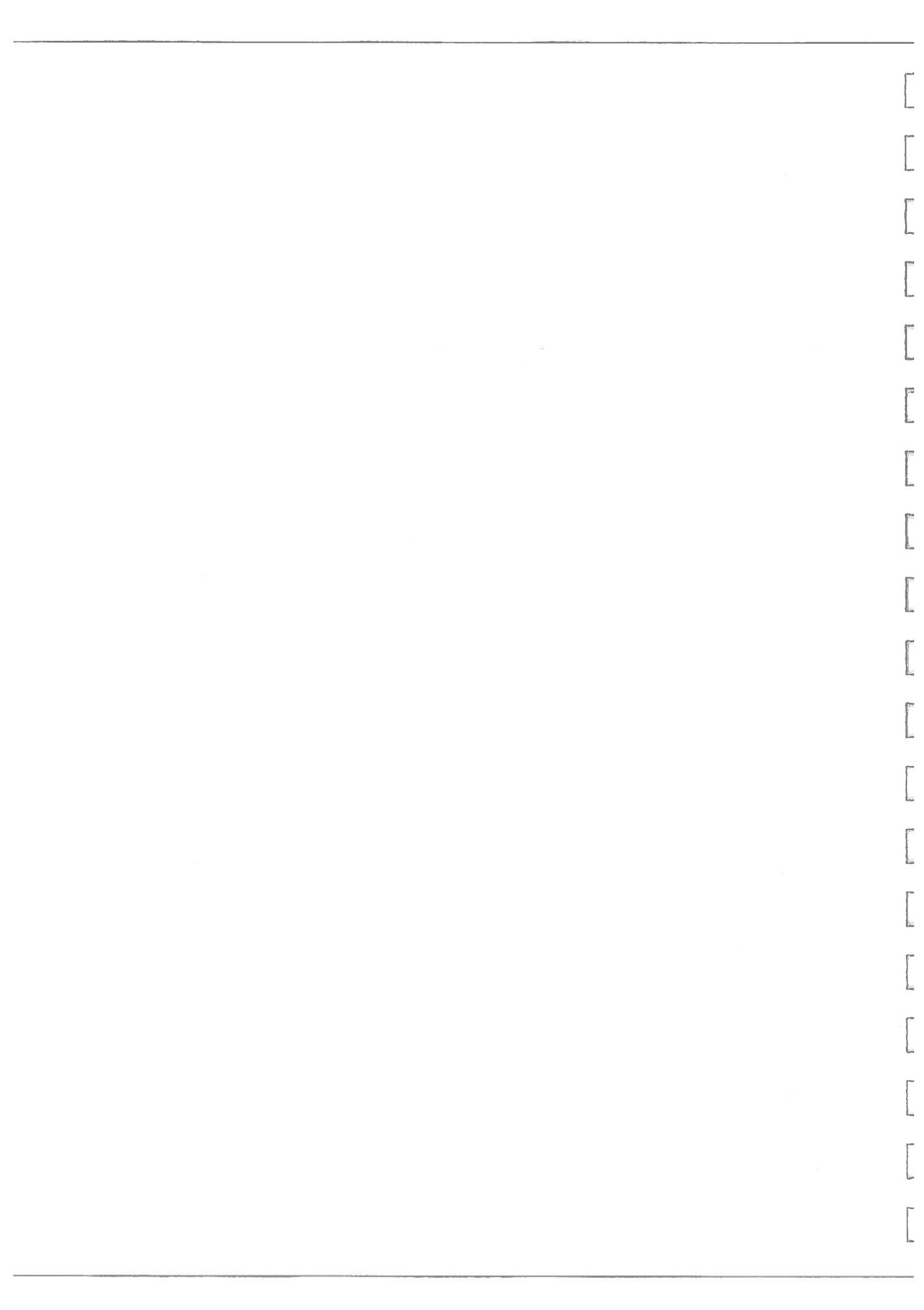
Relinquished By: _____ Date: _____ Received By: _____ Date: _____
 Relinquished By: _____ Date: _____ Received By: _____ Date: _____



Appendix E

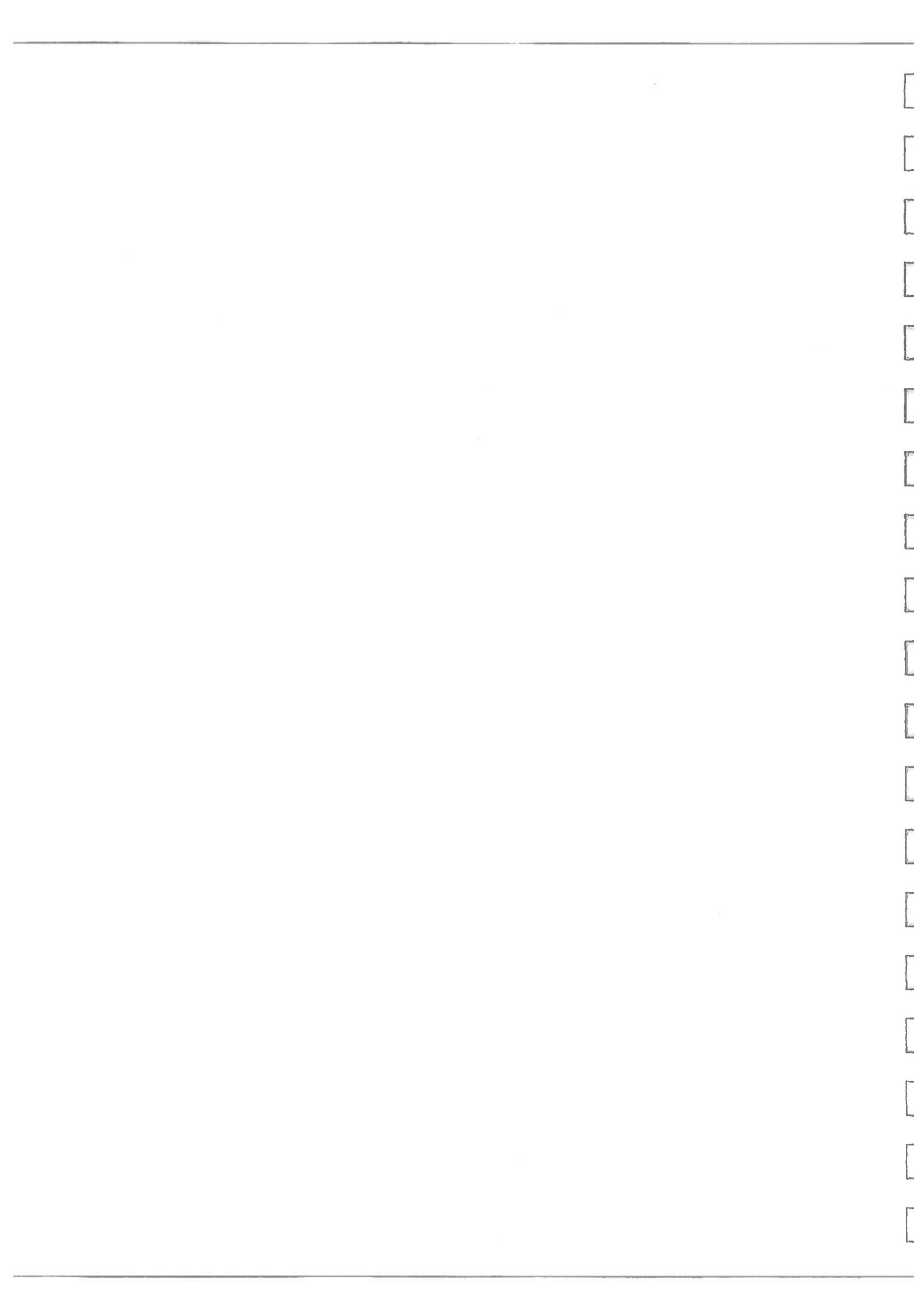




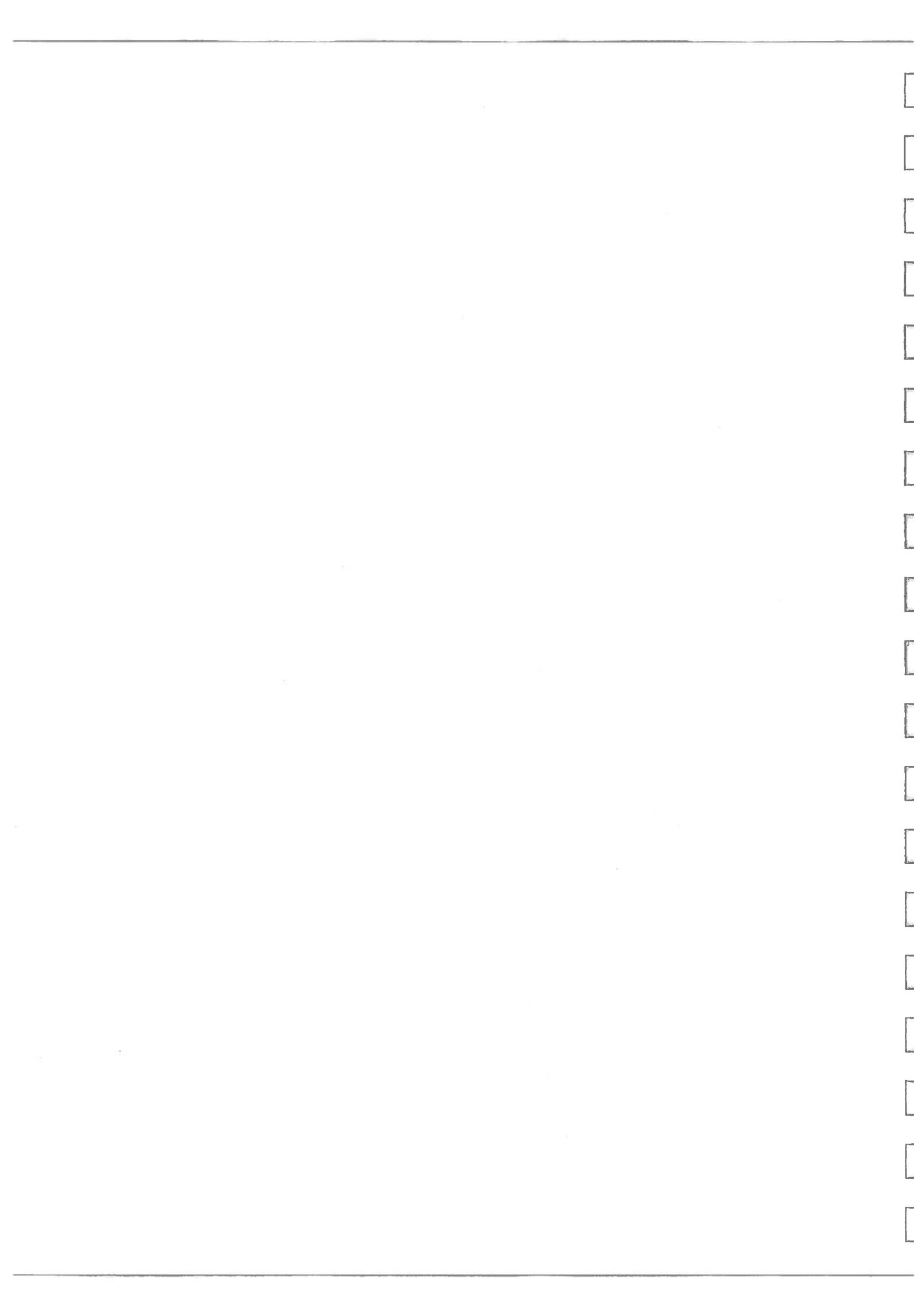


XRF Data Table

Time	Duration	Component	Substrate	Side	Color	Condition	Room	Results	Depth	PbL	PbL Error	PbC	PbC Error	PbK	PbK Error
6/23/15 12:59	1..1	Door	Metal	A	Brown		Exterior	Negative	1.41	< LOD	0.04	< LOD	0.04	< LOD	3.19
6/23/15 13:00	3.09	Door	Wood	A	Brown		Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	0.99
6/23/15 13:00	1.11	Soffit	Wood	A	Beige		Exterior	Negative	3.43	< LOD	0.42	< LOD	0.42	< LOD	2.25
6/23/15 13:01	1..1	Fascia	Wood	A	Beige		Exterior	Negative	1.98	< LOD	0.19	< LOD	0.19	< LOD	2.1
6/23/15 13:01	1.11	Gutter	Metal	A	Beige		Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.91
6/23/15 13:02	1..1	Doorframe	Wood	A	Brown		Exterior	Negative	2.74	< LOD	0.28	< LOD	0.28	< LOD	2.55
6/23/15 13:02	1.11	Column	Wood	A	Beige		Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.25
6/23/15 13:03	5.96	Wall	Brick	C	Brown		Exterior	Negative	1.91	< LOD	0.03	< LOD	0.03	< LOD	1.2
6/23/15 13:04	8.44	Wall	Brick	B	Blue		Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	0.6
6/23/15 13:05	3.86	Window Sill	Brick	B	Brown		Exterior	Negative	1.83	< LOD	0.04	< LOD	0.04	< LOD	1.35
6/23/15 13:06	1..1	Windowcover	Wood	B	Brown		Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	2.4
6/23/15 13:06	1.11	Soffit	Wood	B	Beige		Exterior	Negative	3.82	< LOD	0.4	< LOD	0.4	< LOD	2.55
6/23/15 13:07	0.88	Fascia	Wood	B	Beige		Exterior	Negative	4.75	< LOD	0.46	< LOD	0.46	< LOD	3.9
6/23/15 13:07	1..1	Fascia	Wood	B	Beige		Exterior	Negative	1	< LOD	0.06	< LOD	0.06	< LOD	2.55
6/23/15 13:08	2.66	Fascia	Metal	B	Beige		Exterior	Negative	9.89	< LOD	0.4	< LOD	0.4	< LOD	2.25
6/23/15 13:09	7.52	Wall	Brick	C	Brown		Exterior	Negative	3.1	< LOD	0.03	< LOD	0.03	< LOD	1.1
6/23/15 13:10	1..1	Door	Metal	C	Brown		Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	0.6
6/23/15 13:10	1.1	Doorframe	Metal	C	Brown		Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	3.03
6/23/15 13:11	1..1	Furnace	Metal	C	Green		Exterior Closet	Negative	1.34	< LOD	0.03	< LOD	0.03	< LOD	2.25
6/23/15 13:11	1.1	Elec Panel	Metal	C	Brown		Exterior	Negative	1.36	< LOD	0.08	< LOD	0.08	< LOD	3.36
6/23/15 13:12	1..1	Conduit	Metal	C	Brown		Exterior	Negative	2.72	< LOD	0.14	< LOD	0.14	< LOD	3.67
6/23/15 13:13	8.04	Wall	Brick	C	Blue		Exterior	Negative	1.73	< LOD	0.03	< LOD	0.03	< LOD	3.92
6/23/15 13:15	4..4	Wall	Brick	D	Brown		Exterior	Negative	7.76	< LOD	0.11	< LOD	0.11	< LOD	1.3
6/23/15 13:16	6.62	Wall	Stucco	D	Brown		Exterior	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	0.6
6/23/15 13:17	1..1	Cal	Cal	Green	Green		Exterior	Negative	2.94	< LOD	0.6	< LOD	0.6	< LOD	2.7
6/23/15 13:17	1..1	Cal	Cal	Green	Green		Exterior	Negative	2.47	< LOD	0.47	< LOD	0.47	< LOD	2.55
6/23/15 13:18	1..1	Cal	Cal	Green	Green		Exterior	Negative	3.38	< LOD	0.6	< LOD	0.6	< LOD	2.68



Appendix F



United States Environmental Protection Agency

This is to certify that

Jason Robert McAllister

UNITED STATES

Risk Assessor



has fulfilled the requirements of the Toxics Substance Control Act (TSCA) Section 402(a)(1) and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as a:

In the Jurisdiction of:

Nevada

This certification is valid from the date of issuance and expires March 27, 2017

NV-R-125427-1

Certification #

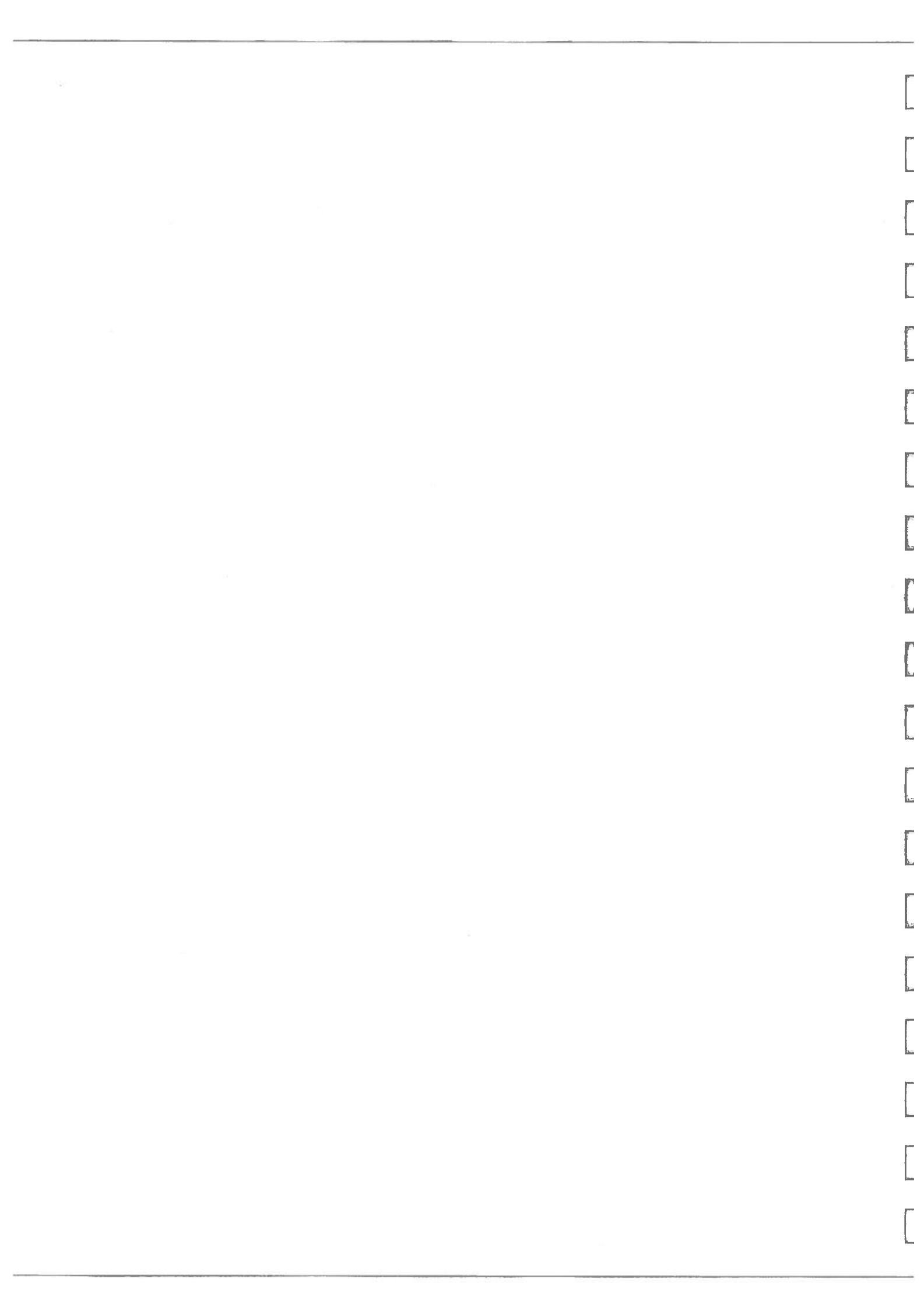
MARCH 13, 2014
Issued On

Adrienne

Adrienne Prisielac, Manager, Toxics Office

Communities and Ecosystems Division



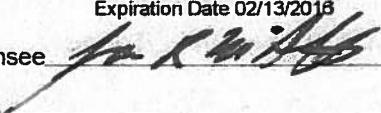


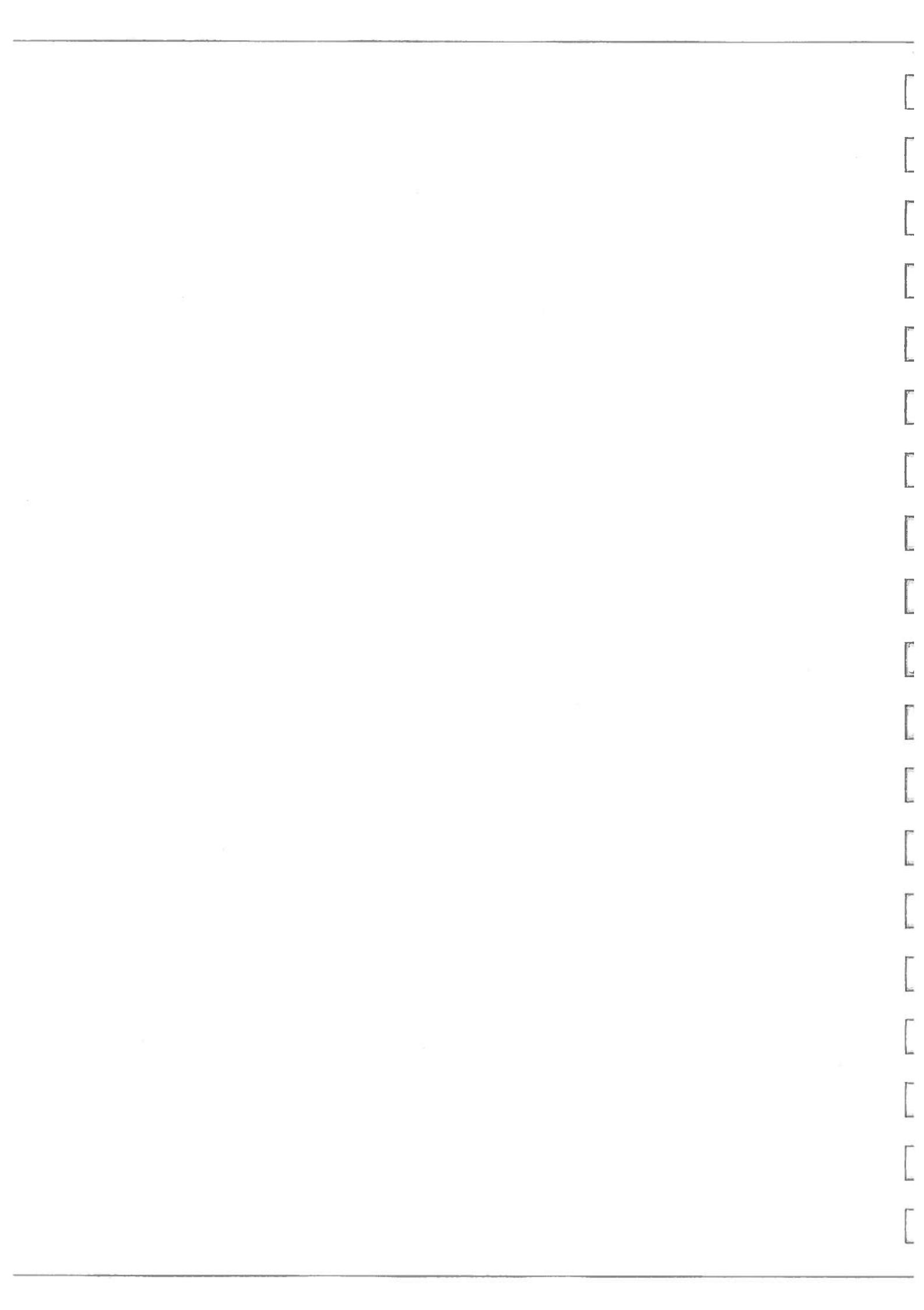
STATE OF NEVADA
DEPARTMENT OF BUSINESS AND INDUSTRY
DIVISION OF INDUSTRIAL RELATIONS
Occupational Safety and Health Administration
Asbestos Control Program

Certifies That Jason McAllister
Macrotec Consulting
is Licensed As Asbestos Abatement Consultant

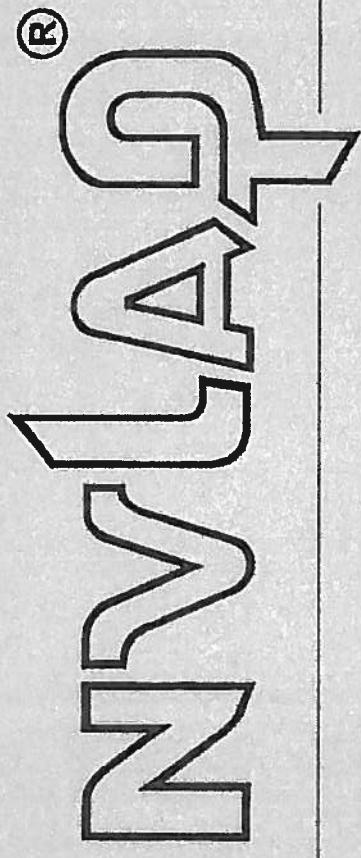
License No. IPM901

Expiration Date 02/13/2016

Signature Of Licensee 



**United States Department of Commerce
National Institute of Standards and Technology**



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200794-0

Triangle Environmental Service Center, Inc.
Midlothian, VA

*-is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

BULK ASBESTOS FIBER ANALYSIS

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-IILAC-IAF Communique dated January 2009).*

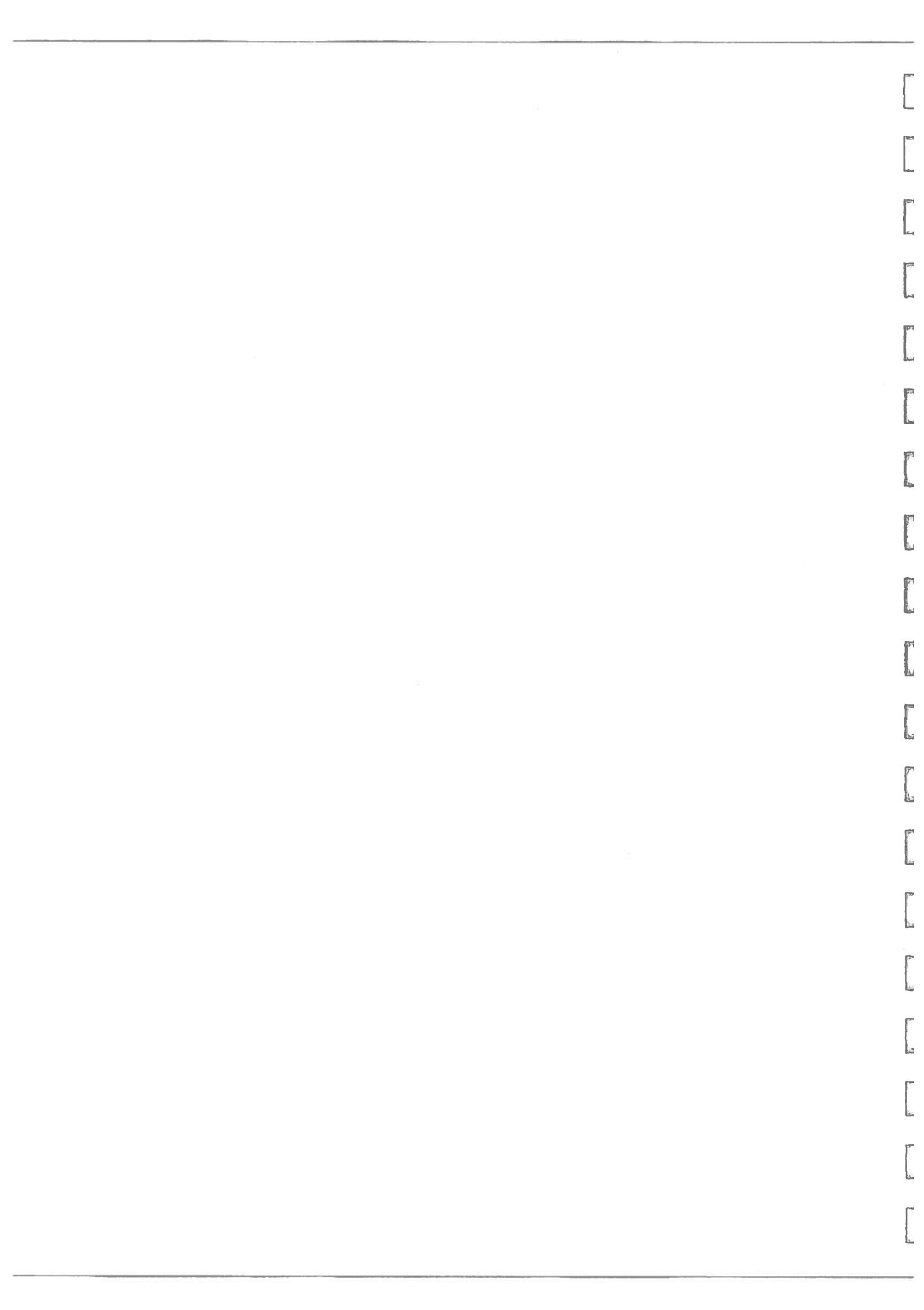


2015-04-01 through 2016-03-31

Effective dates

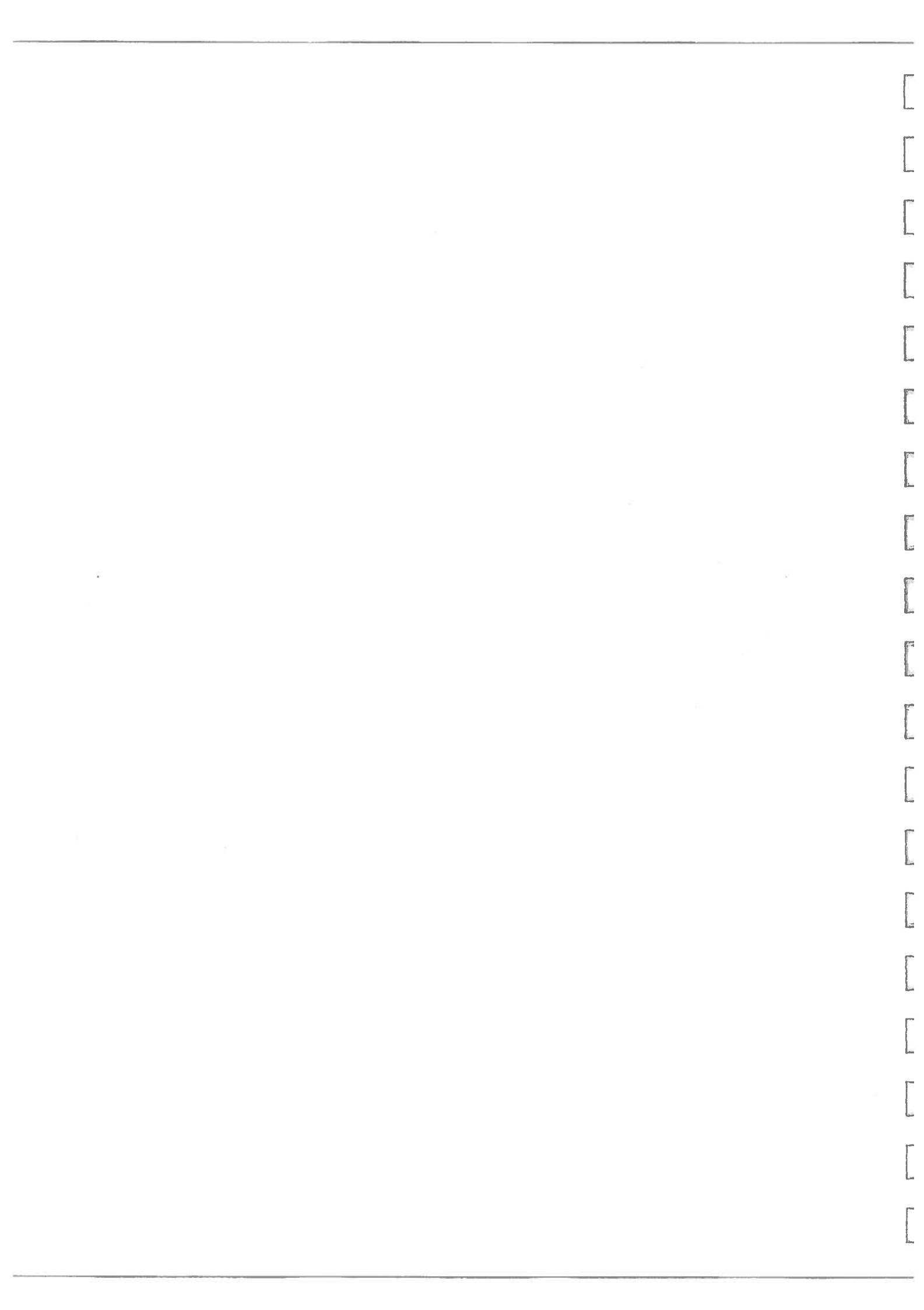
For the National Institute of Standards and Technology

M. D. MLL



APPENDIX B

Picture Log

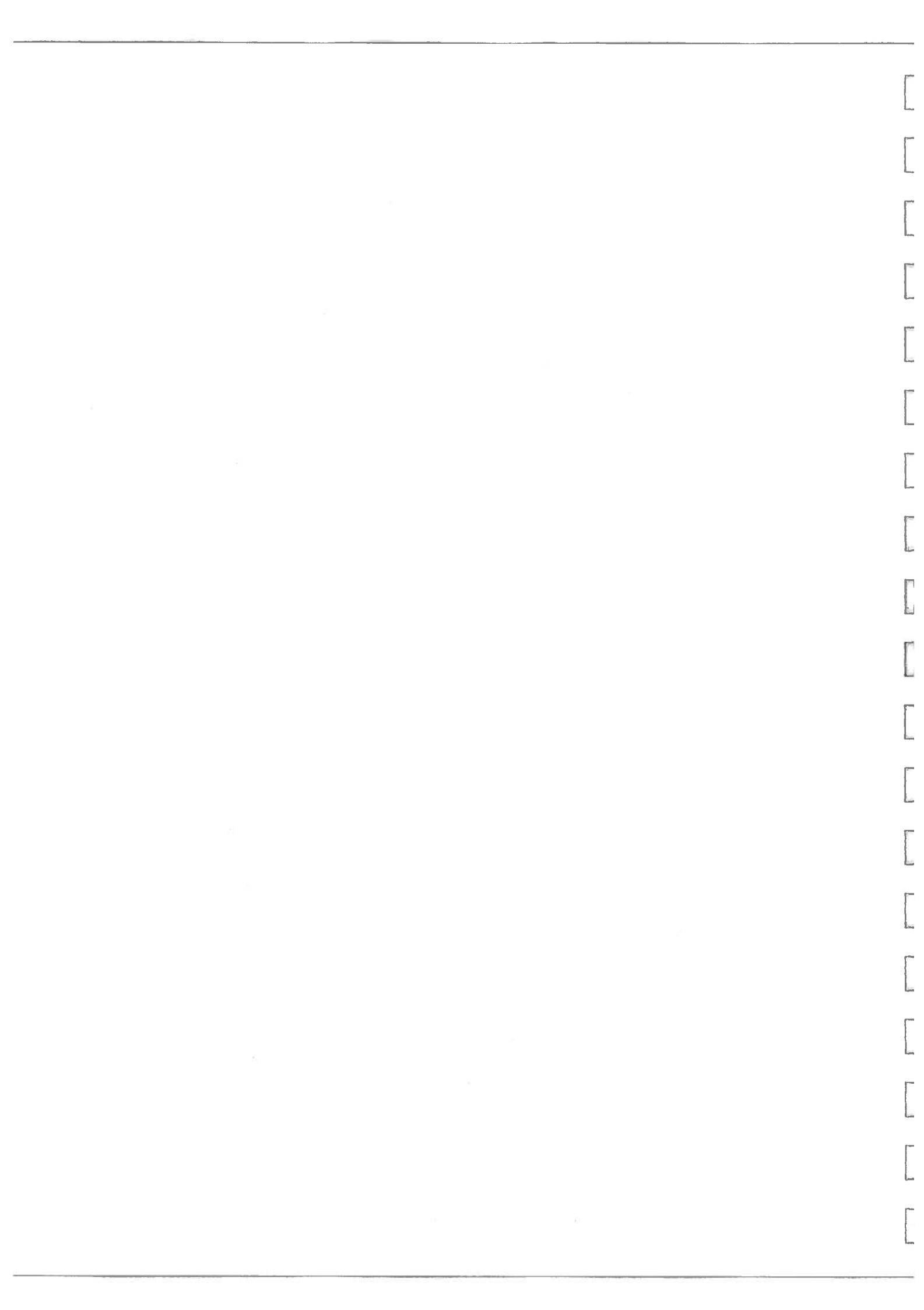




Description: Looking south at the rear yard on the subject property.



Description: Looking down at the approximate location of SB-01 in the northern portion of the rear yard.

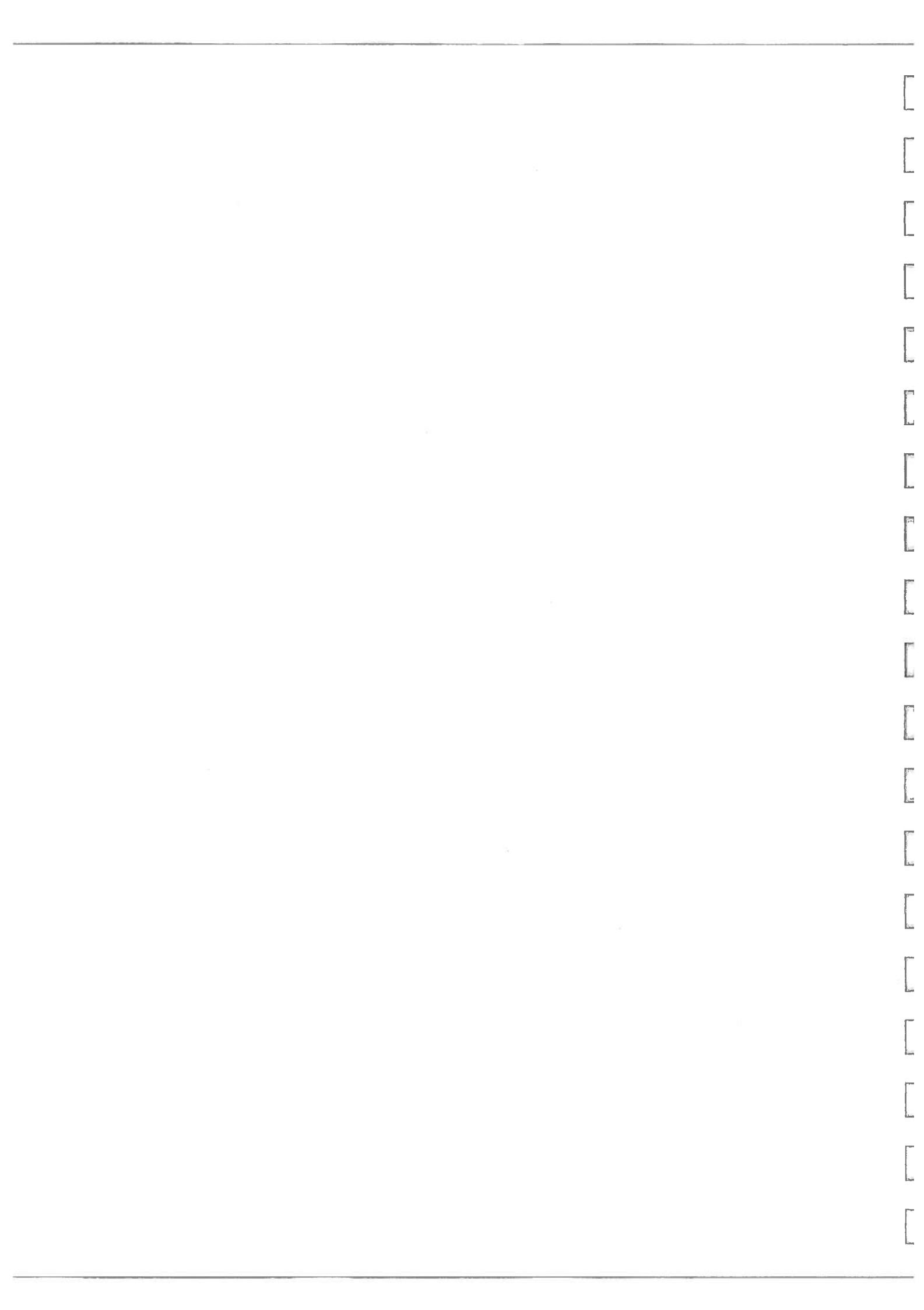




Description: Looking down at the approximate location of SB-02 in the middle of the rear yard near the onsite building wall.

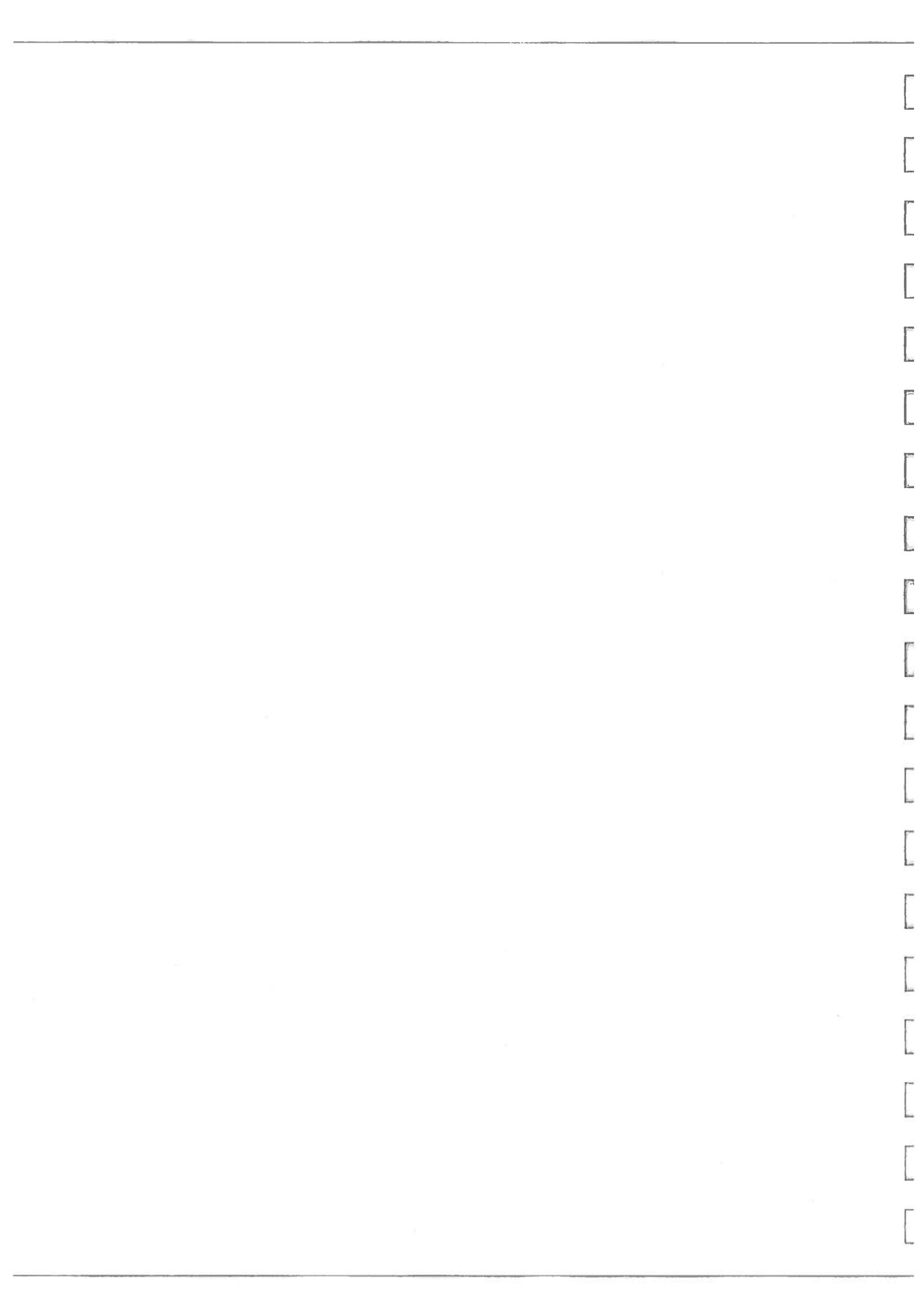


Description: Looking south in the rear yard at the approximate locations of SB-02 and SB-03.



APPENDIX C

Chain-of-Custody Records and Laboratory Reports for Soil Samples



July 07, 2015

Brett Bottenberg
Mc.Ginley and Associates
6280 S. Valley View Blvd. Suite 604
Las Vegas, NV 89118
TEL: (702) 260-4961
FAX: (702) 260-4968

CA-ELAP No.:2676
NV Cert. No.:NV-00922

Workorder No.: N016097

RE: BRN028, BRN028

Attention: Brett Bottenberg

Enclosed are the results for sample(s) received on June 24, 2015 by ASSET Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Glen Gesmundo
QA Manager

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories - Las Vegas.



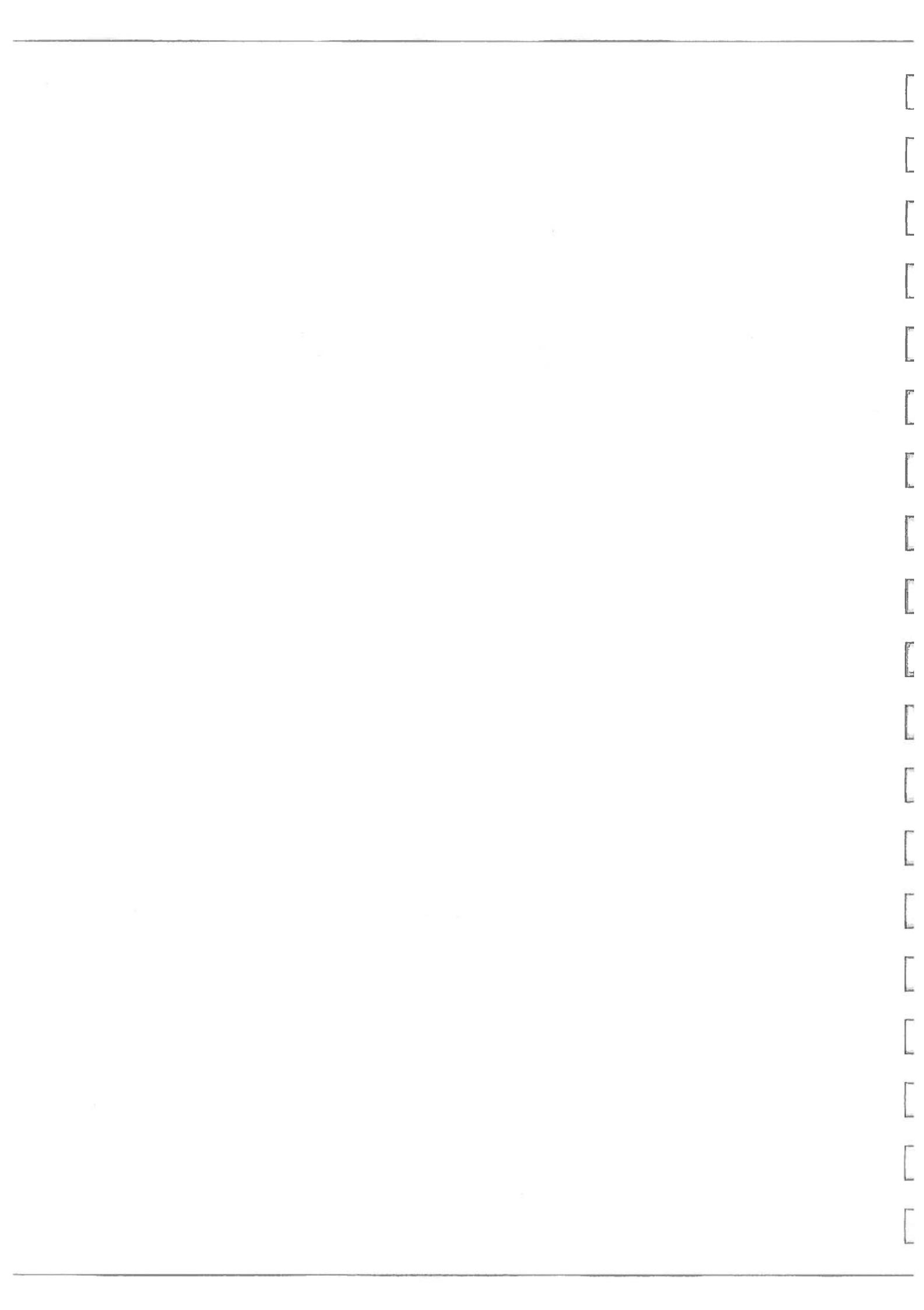
ASSET LABORATORIES

ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436

NEVADA
3151 W. Post Rd., Las Vegas, NV 89118
P: 702.307.2659 F: 702.307.2691

"Serving Clients with Passion and Professionalism"



CLIENT: Mc.Ginley and Associates
Project: BRN028, BRN028
Lab Order: N016097

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

Samples were received intact with proper chain of custody documentation.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Samples were analyzed within method holding time.

Analytical Comments for EPA 8015B_DRO/ORO:

Surrogate for the Matrix Spike (MS) on QC sample N016108-001A-MS is outside recovery criteria possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

RPD for Matrix Spike(MS) and Matrix Spike Duplicate(MSD) is outside criteria ; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

Analytical Comments for EPA 8260B:

RPD for Matrix Spike (MS)/Matrix Spike Duplicate (MSD) is outside criteria for some analytes possibly due to matrix interference; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

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3151 W. Post Rd., Las Vegas, NV 89118
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ASSET Laboratories

Date: 07-Jul-15

CLIENT: Mc.Ginley and Associates
Project: BRN028, BRN028
Lab Order: N016097
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N016097-001A	BRN028-SB-01-1.0	Soil	6/24/2015 9:15:00 AM	6/24/2015	6/24/2015
N016097-001B	BRN028-SB-01-1.0	Soil	6/24/2015 9:15:00 AM	6/24/2015	6/24/2015
N016097-002A	BRN028-SB-01-3.0	Soil	6/24/2015 9:50:00 AM	6/24/2015	6/24/2015
N016097-002B	BRN028-SB-01-3.0	Soil	6/24/2015 9:50:00 AM	6/24/2015	6/24/2015
N016097-003A	BRN028-SB-02-1.0	Soil	6/24/2015 10:51:00 AM	6/24/2015	6/24/2015
N016097-003B	BRN028-SB-02-1.0	Soil	6/24/2015 10:51:00 AM	6/24/2015	6/24/2015
N016097-004A	BRN028-SB-02-3.0	Soil	6/24/2015 11:19:00 AM	6/24/2015	6/24/2015
N016097-004B	BRN028-SB-02-3.0	Soil	6/24/2015 11:19:00 AM	6/24/2015	6/24/2015
N016097-005A	BRN028-SB-03-1.0	Soil	6/24/2015 11:40:00 AM	6/24/2015	6/24/2015
N016097-005B	BRN028-SB-03-1.0	Soil	6/24/2015 11:40:00 AM	6/24/2015	6/24/2015
N016097-006A	BRN028-SB-03-3.0	Soil	6/24/2015 12:25:00 PM	6/24/2015	6/24/2015
N016097-006B	BRN028-SB-03-3.0	Soil	6/24/2015 12:25:00 PM	6/24/2015	6/24/2015
N016097-007A	BRN028-RINSEATE	Water	6/24/2015 2:36:00 PM	6/24/2015	6/24/2015

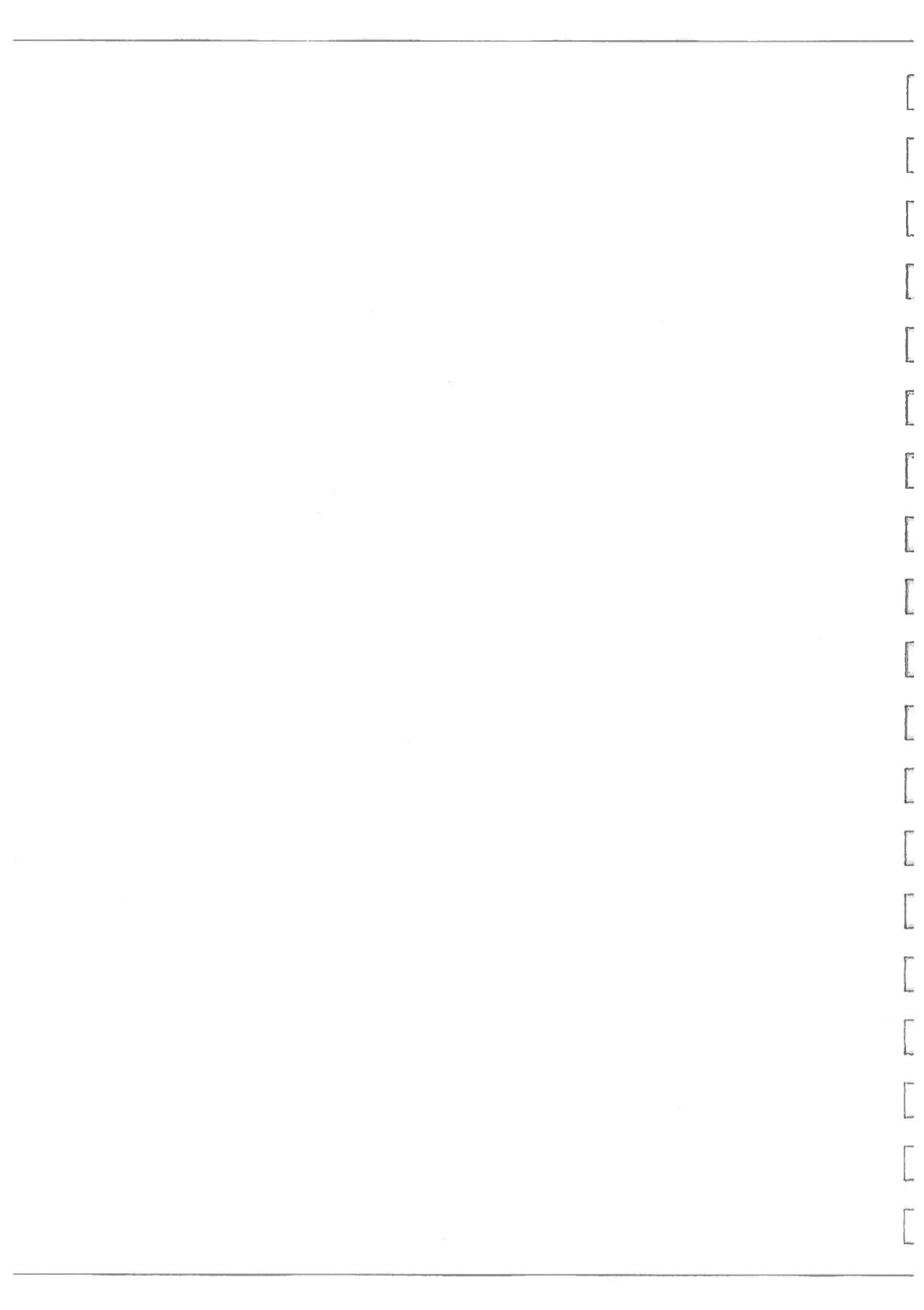


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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 07-Jul-15

CLIENT: Mc.Ginley and Associates **Client Sample ID:** BRN028-SB-01-1.0
Lab Order: N016097 **Collection Date:** 6/24/2015 9:15:00 AM
Project: BRN028, BRN028 **Matrix:** SOIL
Lab ID: N016097-001

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	EPA 3550B					EPA 8015B
RunID: GC1_150626A	QC Batch:	50767			PrepDate:	6/26/2015 Analyst: JAA
DRO	20	10		mg/Kg	1	6/26/2015 02:58 PM
ORO	34	10		mg/Kg	1	6/26/2015 02:58 PM
Sur: p-Terphenyl	100	38-152		%REC	1	6/26/2015 02:58 PM
GASOLINE RANGE ORGANICS BY GC/FID						
	EPA 8015B					
RunID: GC4_150627A	QC Batch:	E15VS070			PrepDate:	Analyst: QBM
GRO	ND	1.0		mg/Kg	1	6/27/2015 05:52 PM
Sur: Chlorobenzene - d5	77.8	46-154		%REC	1	6/27/2015 05:52 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified

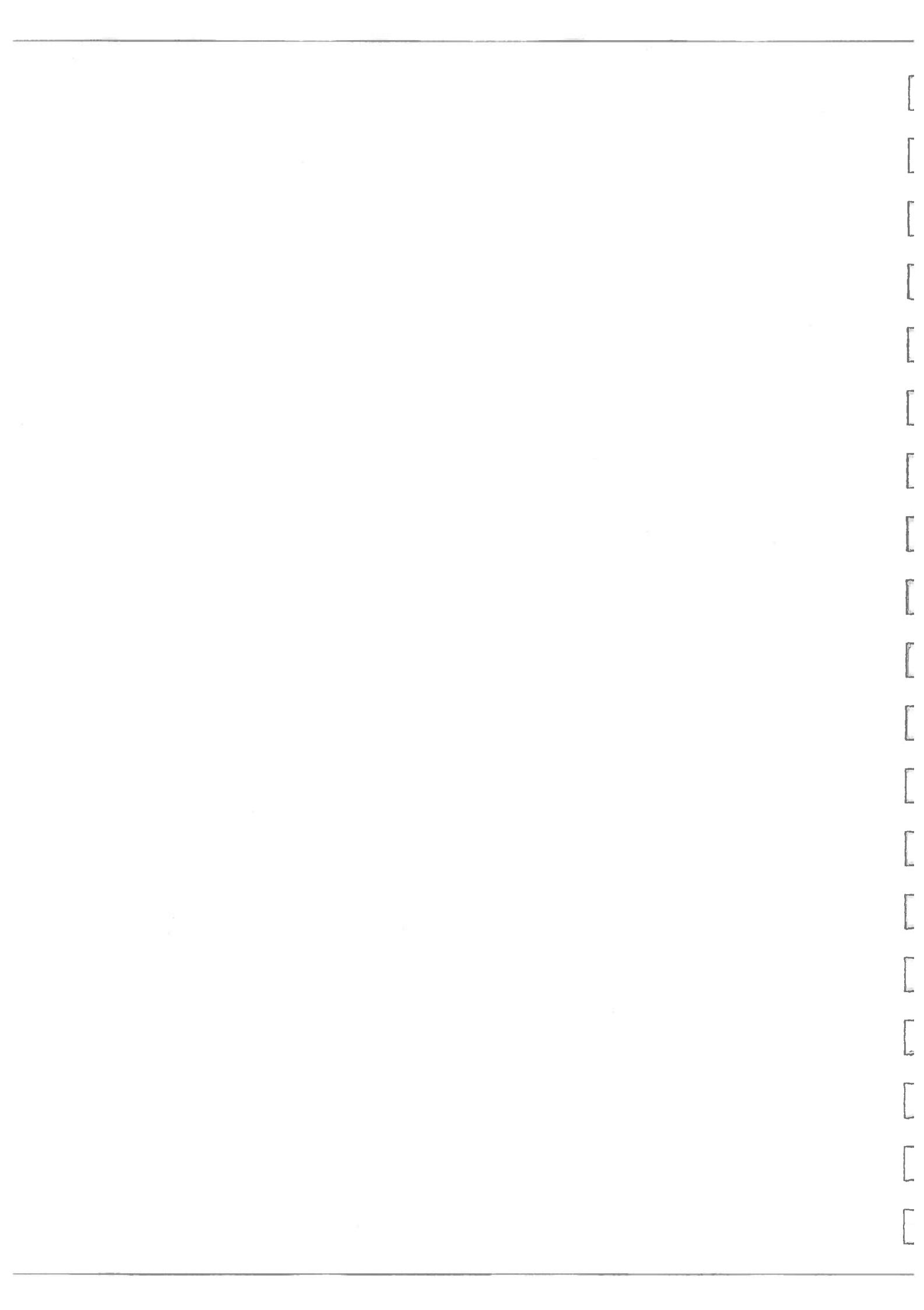
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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 07-Jul-15

CLIENT: Mc.Ginley and Associates **Client Sample ID:** BRN028-SB-01-3.0
Lab Order: N016097 **Collection Date:** 6/24/2015 9:50:00 AM
Project: BRN028, BRN028 **Matrix:** SOIL
Lab ID: N016097-002

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	EPA 3550B					EPA 8015B
RunID: GC1_150626A	QC Batch:	50767			PrepDate:	6/26/2015 Analyst: JAA
DRO		17	10	mg/Kg	1	6/26/2015 03:24 PM
ORO		23	10	mg/Kg	1	6/26/2015 03:24 PM
Surr: p-Terphenyl		103	38-152	%REC	1	6/26/2015 03:24 PM
GASOLINE RANGE ORGANICS BY GC/FID						
	EPA 8015B					
RunID: GC4_150627A	QC Batch:	E15VS070			PrepDate:	Analyst: QBM
GRO		ND	1.0	mg/Kg	1	6/27/2015 06:26 PM
Surr: Chlorobenzene - d5		97.9	48-154	%REC	1	6/27/2015 06:26 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified

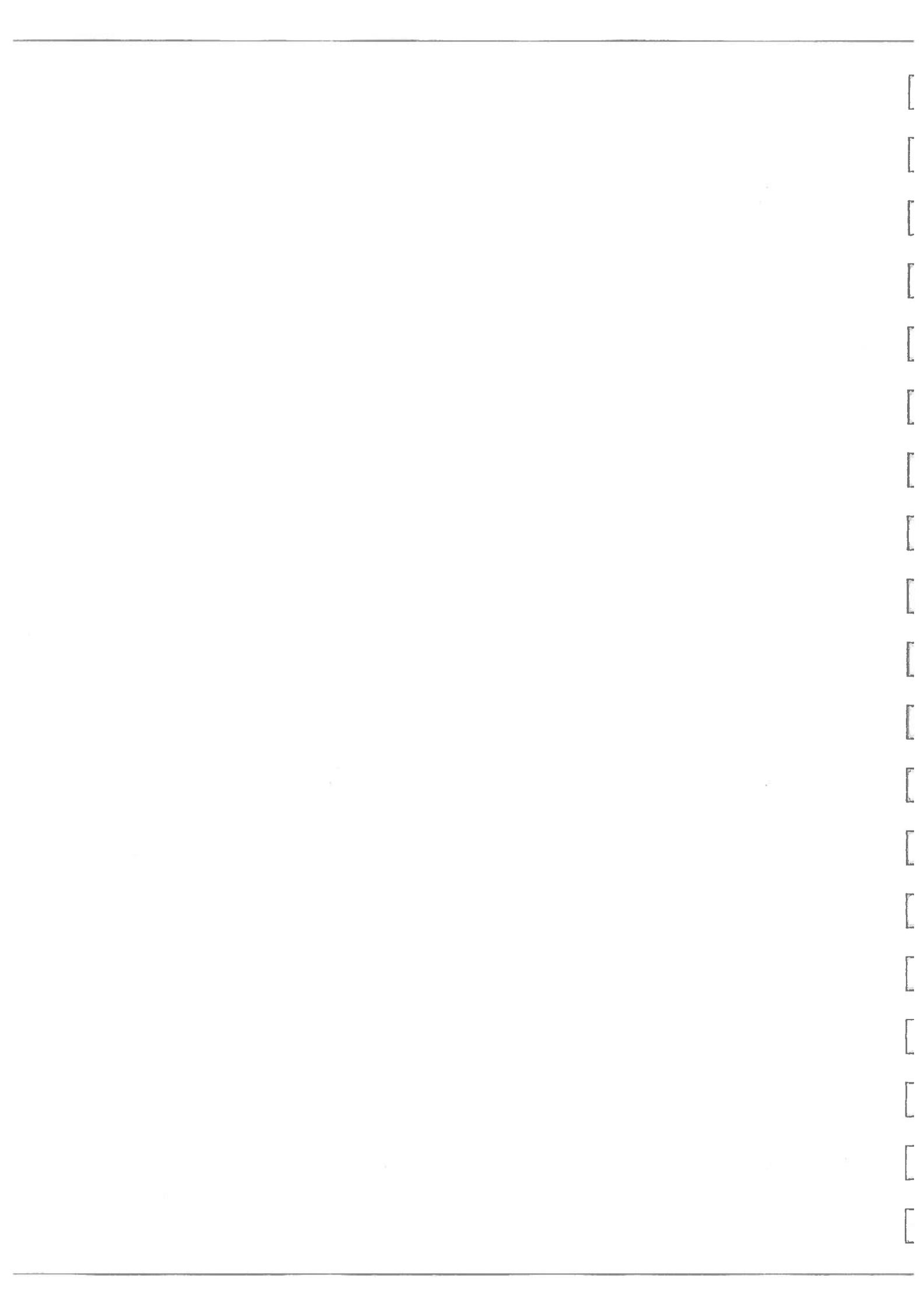
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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 07-Jul-15

CLIENT:	Mc.Ginley and Associates	Client Sample ID:	BRN028-SB-02-1.0
Lab Order:	N016097	Collection Date:	6/24/2015 10:51:00 AM
Project:	BRN028, BRN028	Matrix:	SOIL
Lab ID:	N016097-003		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B						
RunID: GC1_150626A	QC Batch:	50767			PrepDate:	6/26/2015 Analyst: JAA
DRO		17	9.9	mg/Kg	1	6/26/2015 03:49 PM
ORO		25	9.9	mg/Kg	1	6/26/2015 03:49 PM
Surf: p-Terphenyl		103	38-152	%REC	1	6/26/2015 03:49 PM
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 8015B						
RunID: GC4_150627A	QC Batch:	E15VS070			PrepDate:	Analyst: QBM
GRO		ND	1.0	mg/Kg	1	6/27/2015 07:00 PM
Surf: Chlorobenzene - d5		87.0	46-154	%REC	1	6/27/2015 07:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified

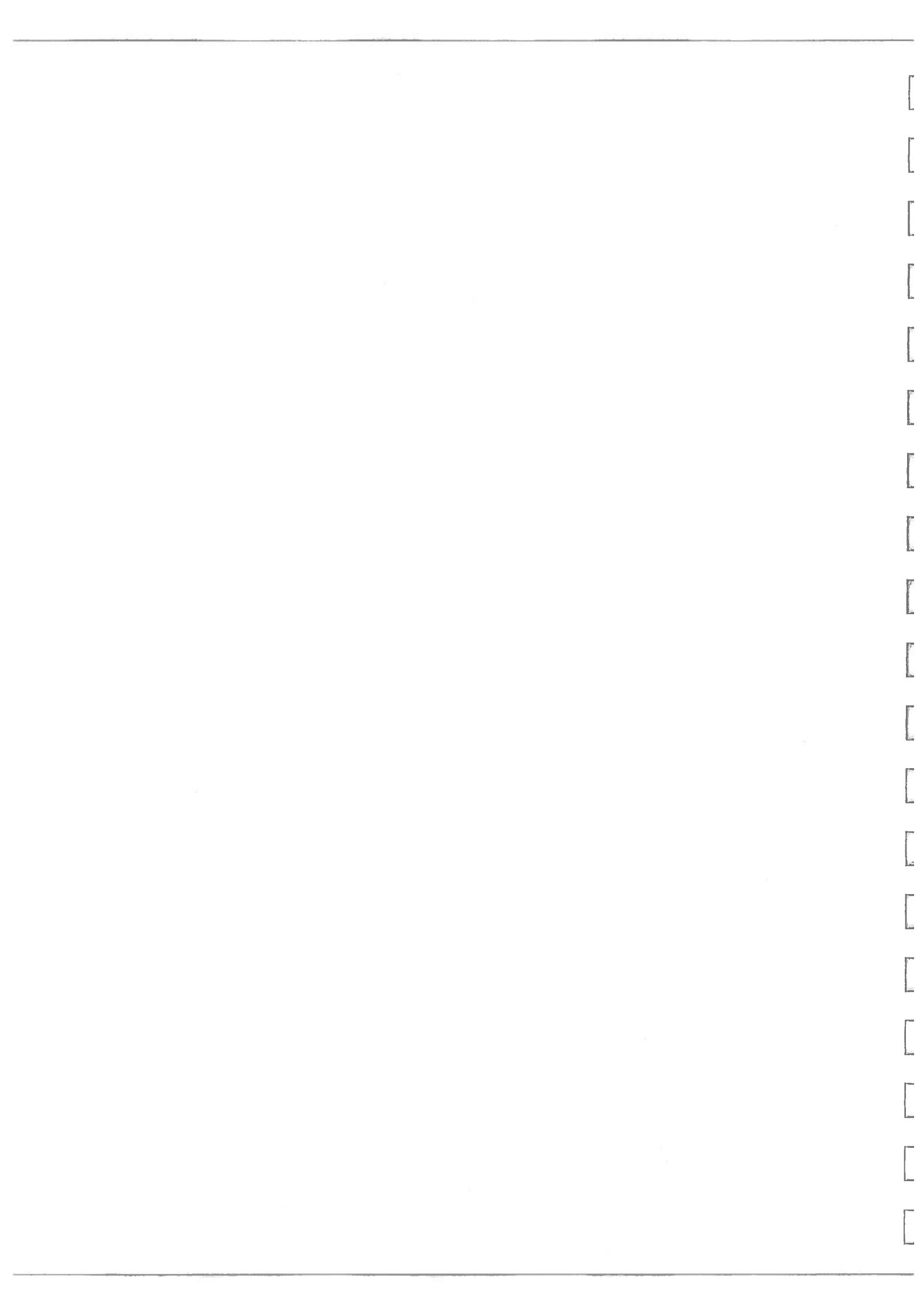
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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 07-Jul-15

CLIENT:	Mc.Ginley and Associates	Client Sample ID:	BRN028-SB-02-3.0
Lab Order:	N016097	Collection Date:	6/24/2015 11:19:00 AM
Project:	BRN028, BRN028	Matrix:	SOIL
Lab ID:	N016097-004		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID**EPA 3550B**

RunID: GC1_150626A	QC Batch:	50767	PrepDate:	6/26/2015	Analyst: JAA
DRO		13	mg/Kg	1	6/26/2015 04:15 PM
ORO		17	mg/Kg	1	6/26/2015 04:15 PM
Surf: p-Terphenyl		108	%REC	1	6/26/2015 04:15 PM

EPA 8015B**GASOLINE RANGE ORGANICS BY GC/FID****EPA 8015B**

RunID: GC4_150627A	QC Batch:	E15VS070	PrepDate:		Analyst: QBM
GRO		ND	1.0	1	6/27/2015 07:34 PM
Surf: Chlorobenzene - d5		91.5	46-154	1	6/27/2015 07:34 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified

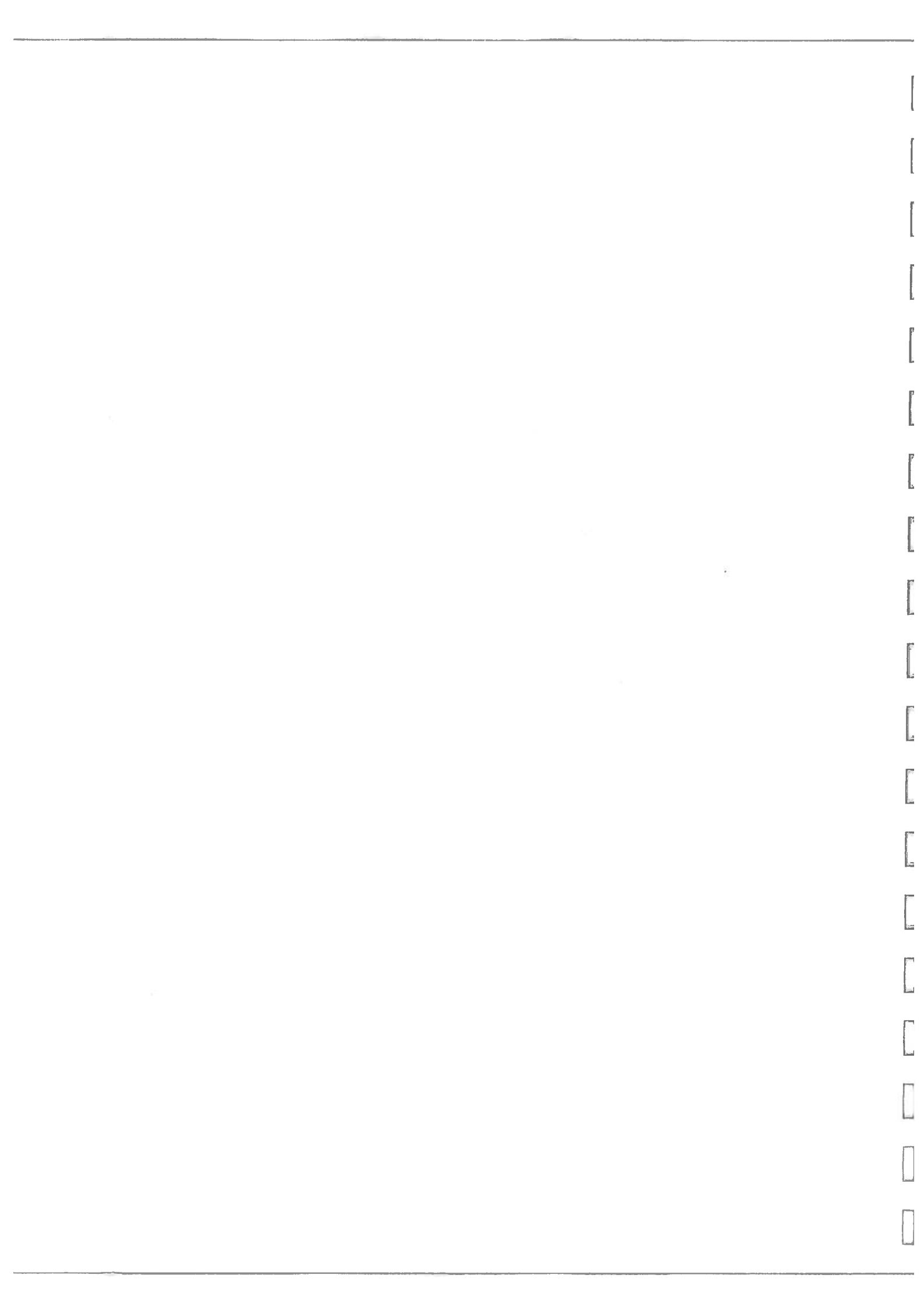
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ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 07-Jul-15

CLIENT: Mc.Ginley and Associates **Client Sample ID:** BRN028-SB-03-1.0
Lab Order: N016097 **Collection Date:** 6/24/2015 11:40:00 AM
Project: BRN028, BRN028 **Matrix:** SOIL
Lab ID: N016097-005

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 8260B						
RunID: MS5_150702A	QC Batch:	P15VS098			PrepDate:	Analyst: QBM
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
1,1-Dichloropropene	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1	7/2/2015 12:22 PM
1,2-Dibromoethane	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
1,3-Dichloropropane	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
2,2-Dichloropropane	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
2-Butanone	ND	50		µg/Kg	1	7/2/2015 12:22 PM
2-Chlorotoluene	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
4-Chlorotoluene	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
4-Isopropyltoluene	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
Benzene	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
Bromobenzene	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
Bromodichloromethane	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
Bromoform	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
Bromomethane	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
Carbon tetrachloride	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
Chlorobenzene	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
Chloroethane	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
Chloroform	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
Chloromethane	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	7/2/2015 12:22 PM

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



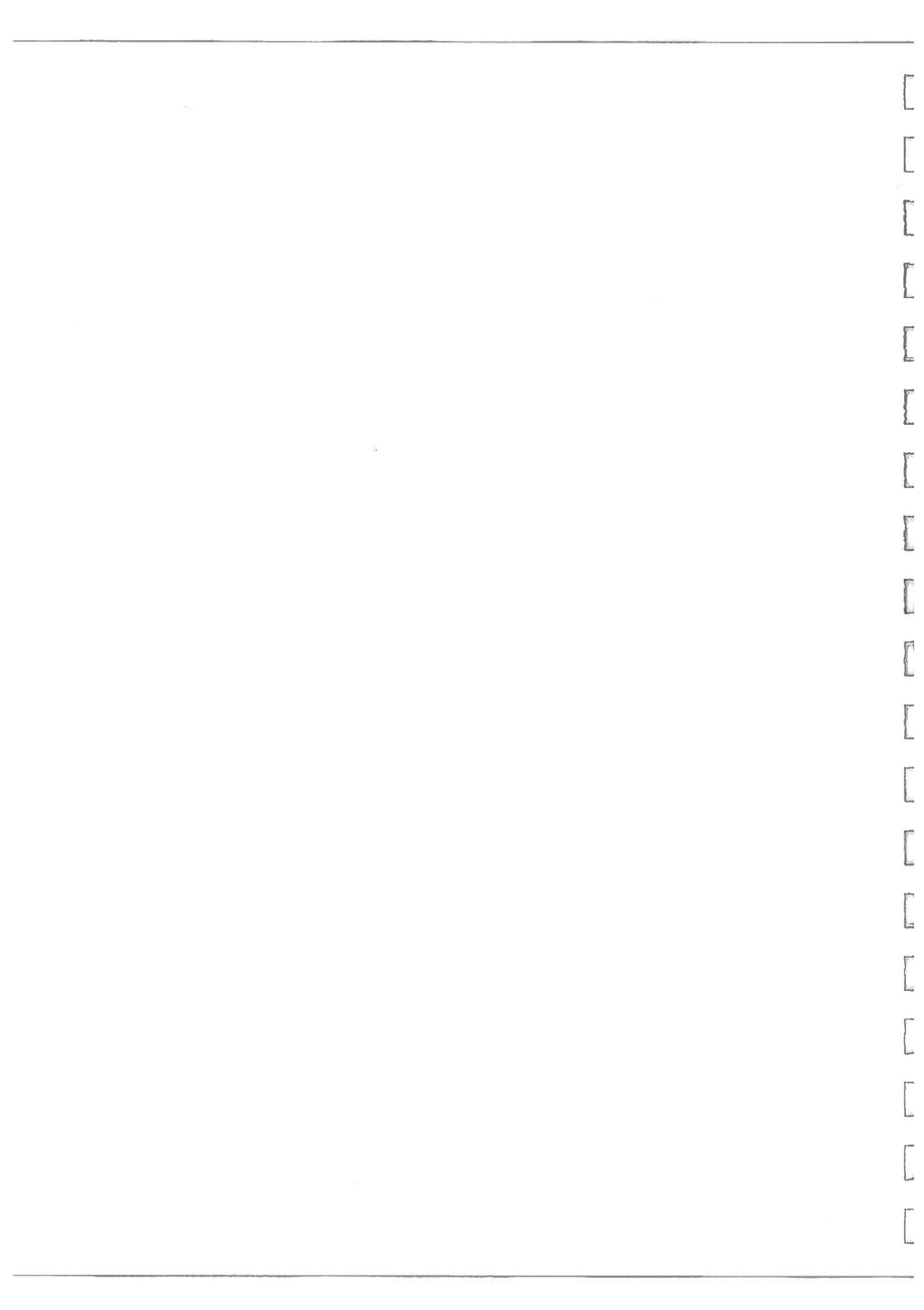
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ANALYTICAL RESULTS

Print Date: 07-Jul-15

ASSET Laboratories

CLIENT: Mc.Ginley and Associates
Lab Order: N016097
Project: BRN028, BRN028
Lab ID: N016097-005

Client Sample ID: BRN028-SB-03-1.0
Collection Date: 6/24/2015 11:40:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 8260B						
RunID: MS5_150702A	QC Batch:	P15VS098		PrepDate:		Analyst: QBM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
Dibromochloromethane	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
Dibromomethane	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
Ethylbenzene	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
Freon-113	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
Isopropylbenzene	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
m,p-Xylene	ND	10	µg/Kg	1		7/2/2015 12:22 PM
Methylene chloride	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
MTBE	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
n-Butylbenzene	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
n-Propylbenzene	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
Naphthalene	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
o-Xylene	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
Styrene	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
Tetrachloroethene	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
Toluene	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
Trichloroethene	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
Vinyl chloride	ND	5.0	µg/Kg	1		7/2/2015 12:22 PM
Surr: 1,2-Dichloroethane-d4	123	75-140	%REC	1		7/2/2015 12:22 PM
Surr: 4-Bromofluorobenzene	101	73-128	%REC	1		7/2/2015 12:22 PM
Surr: Dibromofluoromethane	121	78-133	%REC	1		7/2/2015 12:22 PM
Surr: Toluene-d8	103	80-120	%REC	1		7/2/2015 12:22 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B						
RunID: GC1_150626A	QC Batch:	50767		PrepDate:	6/26/2015	Analyst: JAA
DRO		36	10	mg/Kg	1	6/26/2015 04:41 PM
ORO		78	10	mg/Kg	1	6/26/2015 04:41 PM
Surr: p-Terphenyl		102	38-152	%REC	1	6/26/2015 04:41 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



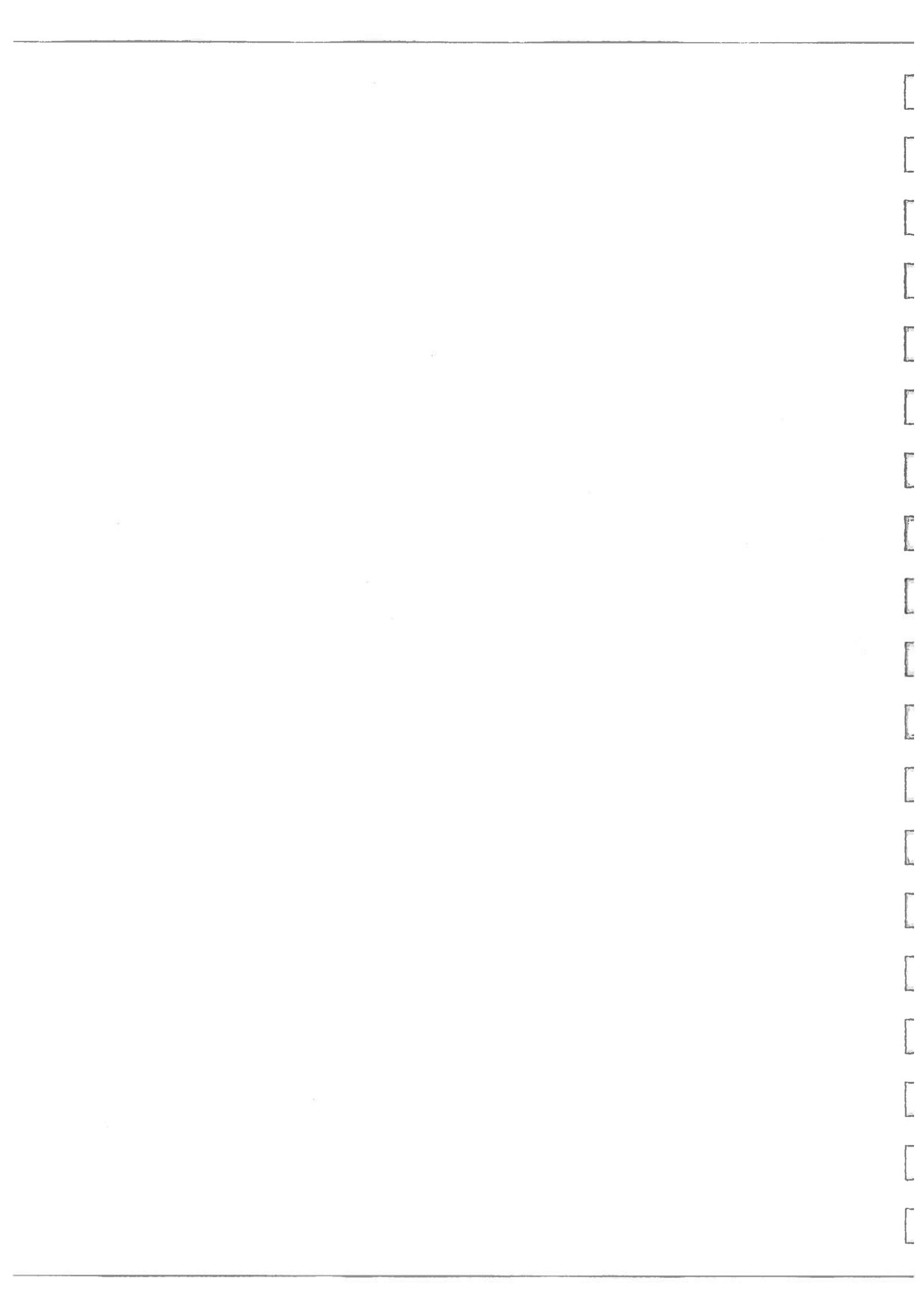
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ANALYTICAL RESULTS

Print Date: 07-Jul-15

CLIENT: Mc.Ginley and Associates
Lab Order: N016097
Project: BRN028, BRN028
Lab ID: N016097-005

Client Sample ID: BRN028-SB-03-1.0
Collection Date: 6/24/2015 11:40:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: GC4_150827A	QC Batch: E15VS070	PrepDate:	Analyst: QBM
GRO	ND	1.0	6/27/2015 08:07 PM
Surr: Chlorobenzene - d5	83.4	48-154	6/27/2015 08:07 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



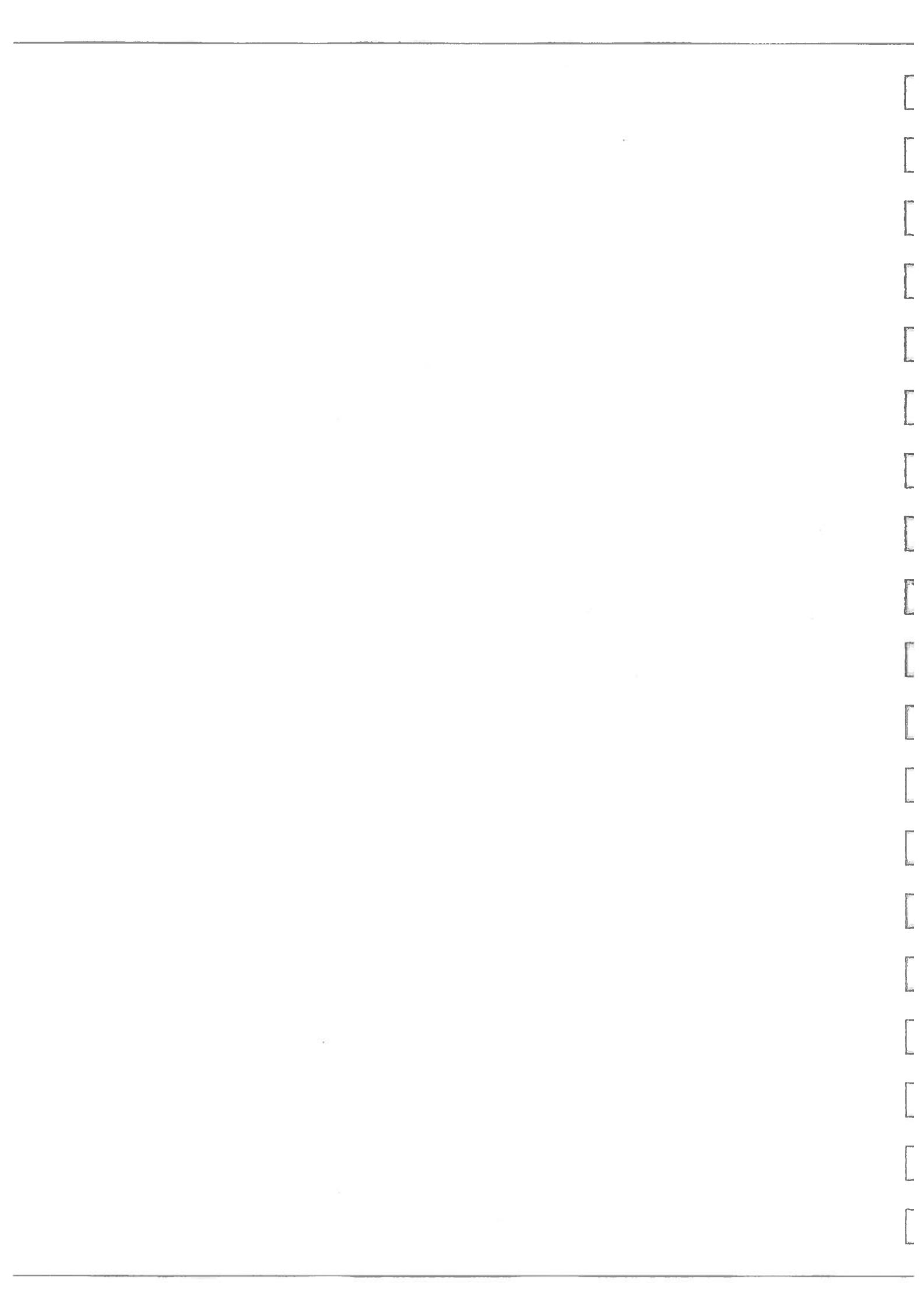
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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 07-Jul-15

CLIENT: Mc.Ginley and Associates
Lab Order: N016097
Project: BRN028, BRN028
Lab ID: N016097-006

Client Sample ID: BRN028-SB-03-3.0
Collection Date: 6/24/2015 12:25:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	EPA 3550B				EPA 8015B	
RunID: GC1_150626A	QC Batch:	50767			PrepDate:	6/26/2015 Analyst: JAA
DRO	ND	10		mg/Kg	1	6/26/2015 05:07 PM
ORO	ND	10		mg/Kg	1	6/26/2015 05:07 PM
Sur: p-Terphenyl	118	38-152		%REC	1	6/26/2015 05:07 PM
GASOLINE RANGE ORGANICS BY GC/FID						
	EPA 8015B					
RunID: GC4_150627A	QC Batch:	E15VS070			PrepDate:	Analyst: QBM
GRO	ND	1.0		mg/Kg	1	6/27/2015 08:40 PM
Sur: Chlorobenzene - d5	98.2	46-154		%REC	1	6/27/2015 08:40 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified

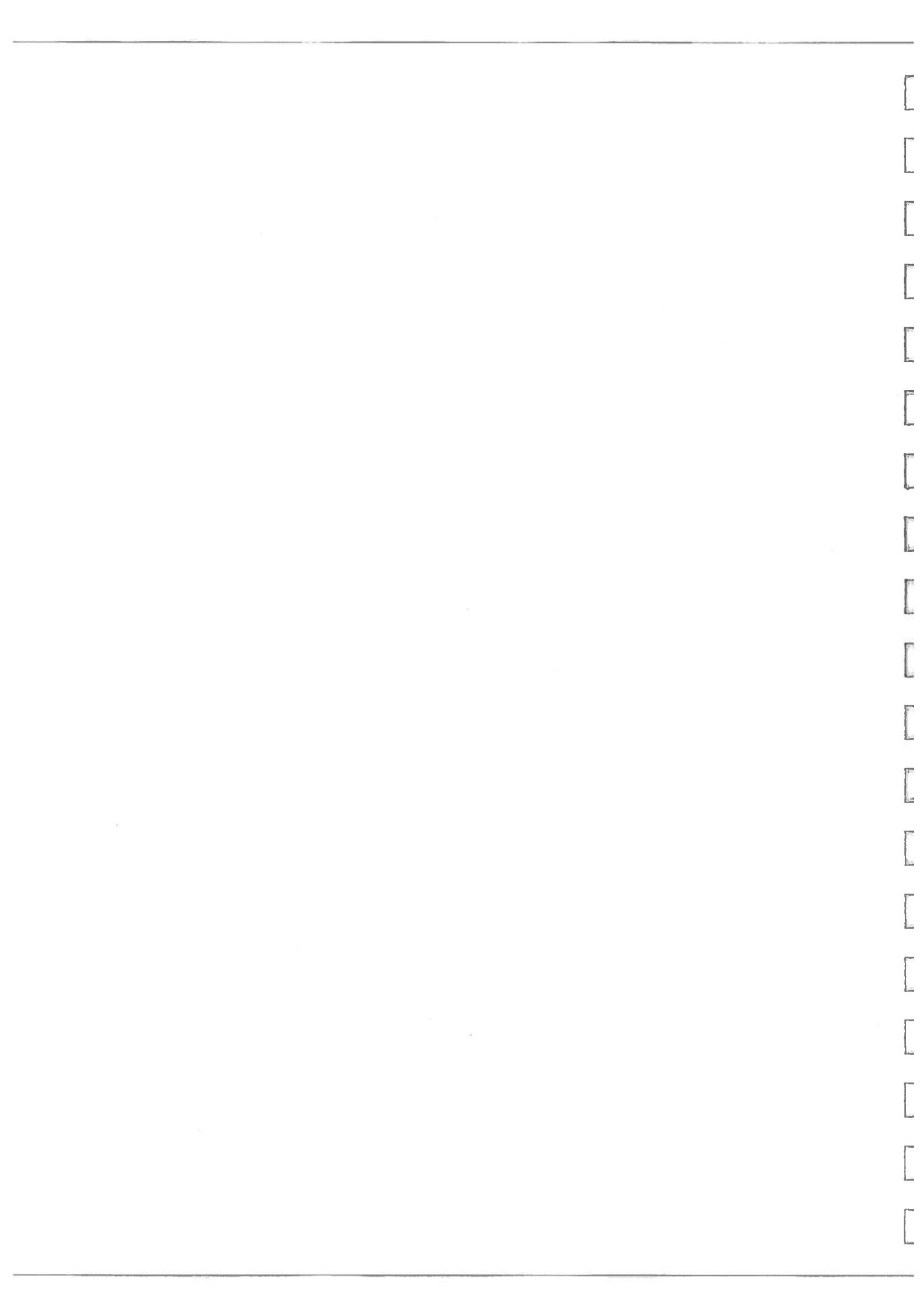
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Date: 07-Jul-15

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM_H

CLIENT: Mc.Ginley and Associates
Work Order: N016097
Project: BRN028, BRN028

Sample ID: LCS-50767	SampType: LCS	TestCode: 8015_S_DM_H	Units: mg/Kg	Prep Date: 6/26/2015	Analysis Date: 6/26/2015	RunNo: 100968	SeqNo: 2030245			
Client ID: LCSS	Batch ID: 50767	TestNo: EPA 8015B	EPA 3550B	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte	Result	PQL	SPK value	SPK Ref Val						
DRO	918.943	10	1000	0	91.9	67	119	38	152	S
Surr: p-Terphenyl	95.528	80.00		119						
Sample ID: N016108-001A-MS	SampType: MS	TestCode: 8015_S_DM_H	Units: mg/Kg	Prep Date: 6/26/2015	Analysis Date: 6/26/2015	RunNo: 100968	SeqNo: 2030246			
Client ID: ZZZZZZ	Batch ID: 50767	TestNo: EPA 8015B	EPA 3550B	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte	Result	PQL	SPK value	SPK Ref Val						
DRO	1248.182	10	996.0	63.71	119	46	143	38	152	S
Surr: p-Terphenyl	150.950	79.68		189						
Sample ID: N016108-001A-MSD	SampType: MSD	TestCode: 8015_S_DM_H	Units: mg/Kg	Prep Date: 6/26/2015	Analysis Date: 6/26/2015	RunNo: 100968	SeqNo: 2030247			
Client ID: ZZZZZZ	Batch ID: 50767	TestNo: EPA 8015B	EPA 3550B	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte	Result	PQL	SPK value	SPK Ref Val						
DRO	699.875	10	1002	63.71	63.5	46	143	1248	56.3	R
Surr: p-Terphenyl	113.029	80.16		141					0	
Sample ID: MB-50767	SampType: MBLK	TestCode: 8015_S_DM_H	Units: mg/Kg	Prep Date: 6/26/2015	Analysis Date: 6/26/2015	RunNo: 100968	SeqNo: 2030248			
Client ID: PBS	Batch ID: 50767	TestNo: EPA 8015B	EPA 3550B	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte	Result	PQL	SPK value	SPK Ref Val						
DRO	7.132	10								
ORO	7.338	10								
Surr: p-Terphenyl	79.946	80.00								

Qualifiers:

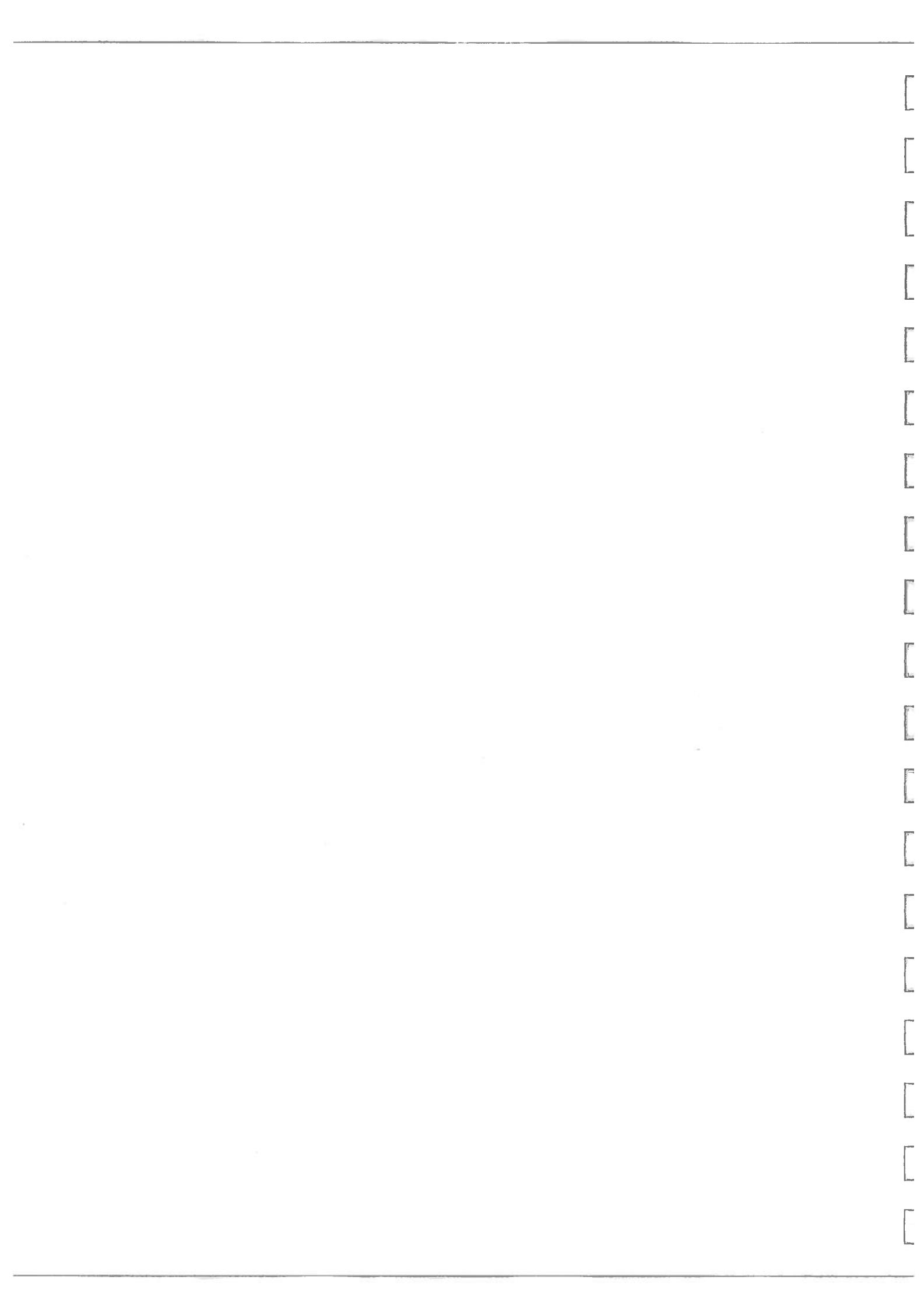
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- DO Surrogate Diluted Out
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

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CLIENT: McGinley and Associates
Work Order: N016097
Project: BRN028, BRN028

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_S

Sample ID: E150627LC5	SampType: LCS	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 100966						
Client ID: LCS	Batch ID: E15VS070	TestNo: EPA 8015B		Analysis Date:	SeqNo: 2030186						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.740	1.0	5.000	0	94.8	70	70	137			
Surf: Chlorobenzene - d5	102.310		100.0		102	46	46	154			
Sample ID: E150627MB1	SampType: MBLK	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 100966						
Client ID: PBS	Batch ID: E15VS070	TestNo: EPA 8015B		Analysis Date:	SeqNo: 2030187						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.046	1.0		100.0		104	46	154			
Surf: Chlorobenzene - d5	104.344										
Sample ID: N016108-002AMMS	SampType: MS	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 100966						
Client ID: ZZZZZZ	Batch ID: E15VS070	TestNo: EPA 8015B		Analysis Date:	SeqNo: 2030191						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.559	1.0	5.000	0	91.2	46	46	155			
Surf: Chlorobenzene - d5	98.951		100.0		99.0	46	46	154			
Sample ID: N016108-002AMSD	SampType: MSD	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 100966						
Client ID: ZZZZZZ	Batch ID: E15VS070	TestNo: EPA 8015B		Analysis Date:	SeqNo: 2030192						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.378	1.0	5.000	0	87.6	46	155	4.559	4.05	20	
Surf: Chlorobenzene - d5	102.201		100.0		102	46	46	154	0		

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- DO Surrogate Diluted Out
- Calculations are based on raw values



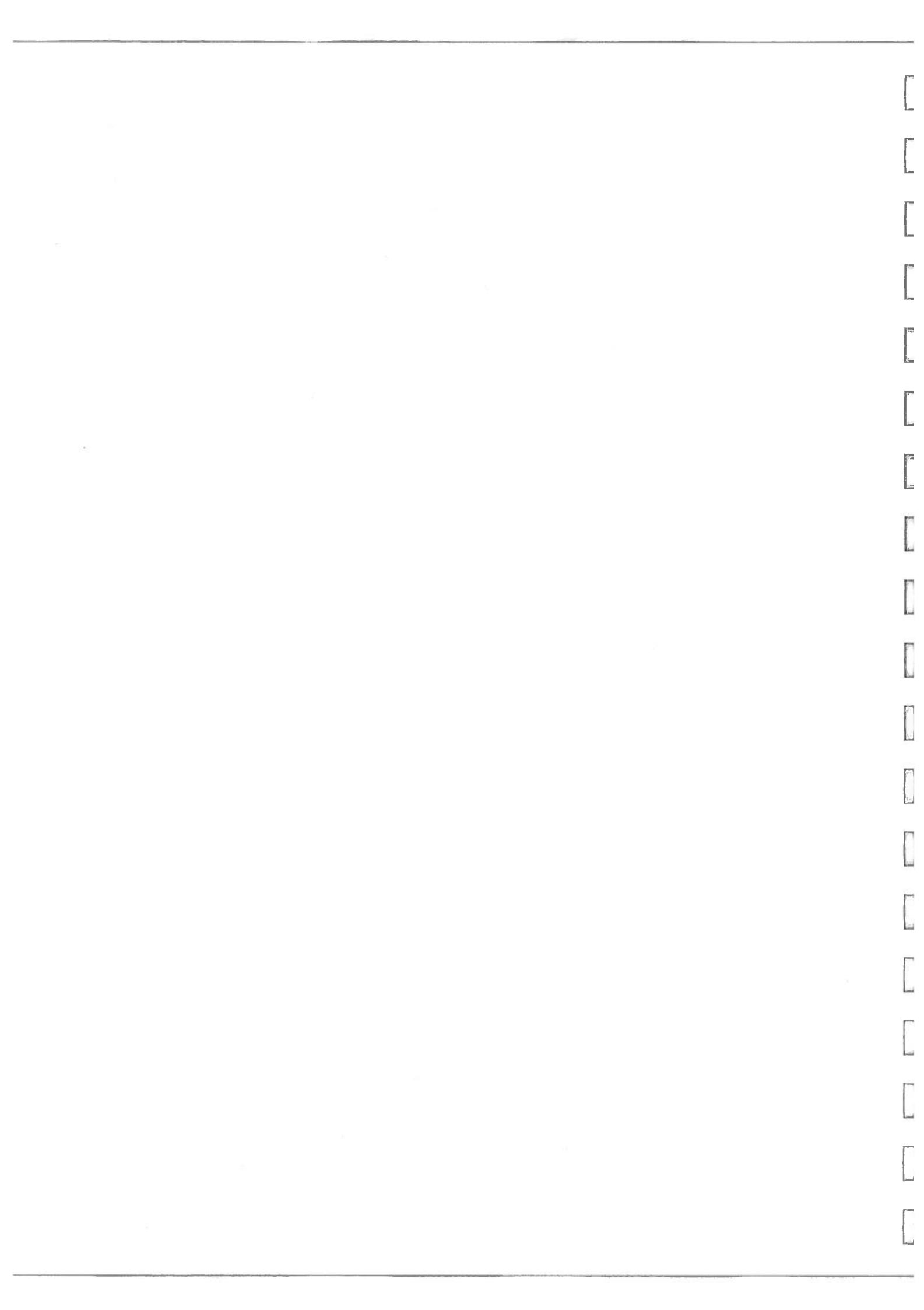
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H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference



CLIENT: McGinley and Associates
Work Order: N016097
Project: BRN028, BRN028

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P150702LCS	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 101043					
Client ID: LCSS	Batch ID: P15VS098	TestNo: EPA 8260B	SPK Ref Val	Analysis Date:	Seq No: 2032893					
Analyte	Result	PQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	41.760	5.0	40.00	0	104	80	122			
1,1,1-Trichloroethane	39.620	5.0	40.00	0	99.0	78	124			
1,1,2,2-Tetrachloroethane	37.700	5.0	40.00	0	94.3	75	124			
1,1,2-Trichloroethane	38.030	5.0	40.00	0	95.1	80	120			
1,1-Dichloroethane	39.040	5.0	40.00	0	97.6	77	124			
1,1-Dichloroethene	37.200	5.0	40.00	0	93.0	71	133			
1,1-Dichloropropene	40.800	5.0	40.00	0	102	80	120			
1,2,3-Trichlorobenzene	39.230	5.0	40.00	0	98.1	80	126			
1,2,3-Trichloropropane	37.240	5.0	40.00	0	93.1	78	120			
1,2,4-Trichlorobenzene	40.190	5.0	40.00	0	100	77	129			
1,2,4-Trimethylbenzene	40.220	5.0	40.00	0	101	80	120			
1,2-Dibromo-3-chloropropane	37.230	10	40.00	0	93.1	65	134			
1,2-Dibromoethane	38.590	5.0	40.00	0	96.5	80	120			
1,2-Dichlorobenzene	40.010	5.0	40.00	0	100	80	120			
1,2-Dichloroethane	39.100	5.0	40.00	0	97.8	80	120			
1,2-Dichloropropane	39.420	5.0	40.00	0	98.6	80	120			
1,3,5-Trimethylbenzene	40.760	5.0	40.00	0	102	80	120			
1,3-Dichlorobenzene	39.510	5.0	40.00	0	98.8	80	120			
1,3-Dichloroethane	37.950	5.0	40.00	0	94.9	80	120			
1,4-Dichloropropane	39.960	5.0	40.00	0	99.9	80	120			
2,2-Dichloropropane	38.060	5.0	40.00	0	95.2	73	128			
2-Butanone	336.890	50	400.0	0	84.2	40	160			
2-Chlorotoluene	39.880	5.0	40.00	0	99.7	80	120			
4-Chlorotoluene	40.340	5.0	40.00	0	101	80	120			
4-Isopropyltoluene	40.400	5.0	40.00	0	101	79	122			
Benzene	40.140	5.0	40.00	0	100	80	120			
Bromobenzene	39.350	5.0	40.00	0	98.4	80	120			
Bromodichloromethane	40.920	5.0	40.00	0	102	80	120			
Bromoform	40.580	5.0	40.00	0	101	68	141			
Bromomethane	21.110	5.0	40.00	0	52.8	52	153			

Qualifiers:

- B** Analyte detected in the associated Method Blank
- E** Value above quantitation range
- ND** Not Detected at the Reporting Limit
- R** RPD outside accepted recovery limits
- DO** Surrogate Diluted Out
- H** Holding times for preparation or analysis exceeded
- S** Spike/Surrogate outside of limits due to matrix interference

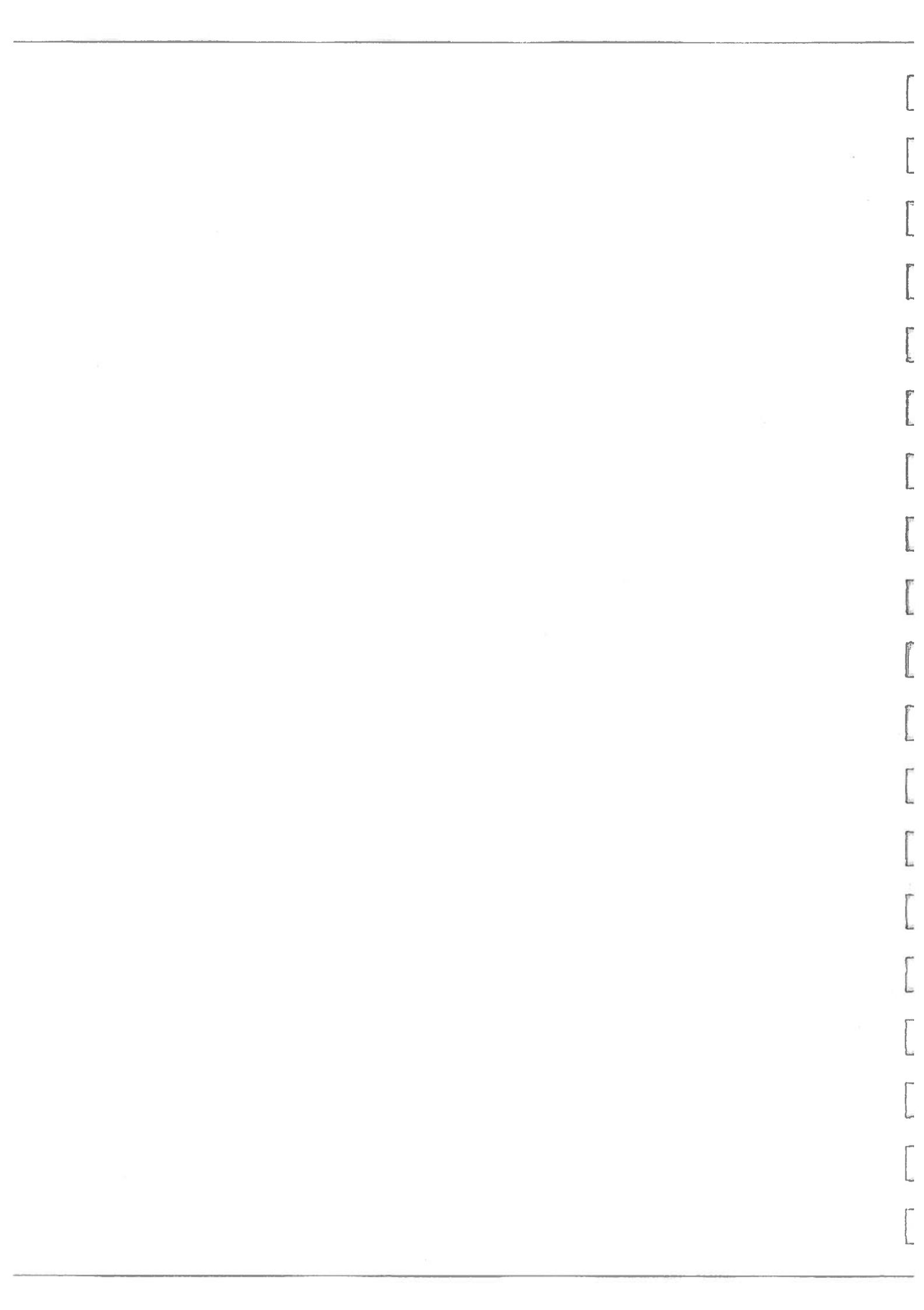


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CLIENT: Mc.Ginley and Associates
Work Order: N016097
Project: BRN028, BRN028

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P150702LCS	SampType: LCS	Batch ID: P15V098	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 101043						
Client ID: LCSS			TestNo: EPA 8260B	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	42.560	5.0	40.00	0	106	72	132					
Chlorobenzene	39.950	5.0	40.00	0	99.9	80	120					
Chloroethane	41.710	5.0	40.00	0	104	71	135					
Chloroform	38.530	5.0	40.00	0	96.3	80	121					
Chloromethane	25.570	5.0	40.00	0	63.9	58	134					
cis-1,2-Dichloroethene	38.420	5.0	40.00	0	96.0	80	120					
cis-1,3-Dichloropropene	40.400	5.0	40.00	0	101	80	120					
Dibromochloromethane	40.080	5.0	40.00	0	100	80	126					
Dibromomethane	38.860	5.0	40.00	0	96.7	80	120					
Dichlorodifluoromethane	39.590	5.0	40.00	0	99.0	67	140					
Ethylbenzene	39.690	5.0	40.00	0	99.2	80	120					
Freon-113	37.870	5.0	40.00	0	94.7	72	136					
Hexachlorobutadiene	42.860	5.0	40.00	0	107	76	124					
Isopropylbenzene	40.040	5.0	40.00	0	100	80	120					
m,p-Xylene	80.430	10	80.00	0	101	80	120					
Methylene chloride	32.510	5.0	40.00	0	81.3	61	138					
MTBE	35.760	5.0	40.00	0	89.4	73	127					
n-Butylbenzene	41.570	5.0	40.00	0	104	79	124					
n-Propylbenzene	40.440	5.0	40.00	0	101	80	120					
Naphthalene	37.320	5.0	40.00	0	93.3	67	133					
o-Xylene	40.190	5.0	40.00	0	100	80	120					
sec-Butylbenzene	40.670	5.0	40.00	0	102	80	120					
Styrene	39.940	5.0	40.00	0	99.8	80	120					
tert-Butylbenzene	39.700	5.0	40.00	0	99.2	80	120					
Tetrachloroethene	40.400	5.0	40.00	0	101	77	123					
Toluene	40.180	5.0	40.00	0	100	80	120					
trans-1,2-Dichloroethene	39.340	5.0	40.00	0	98.4	78	128					
Trichloroethene	40.690	5.0	40.00	0	102	80	121					
Trichlorofluoromethane	38.960	5.0	40.00	0	97.4	75	137					
Vinyl chloride	34.910	5.0	40.00	0	87.3	75	125					

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out



E Value above quantitation range

R RPD outside accepted recovery limits

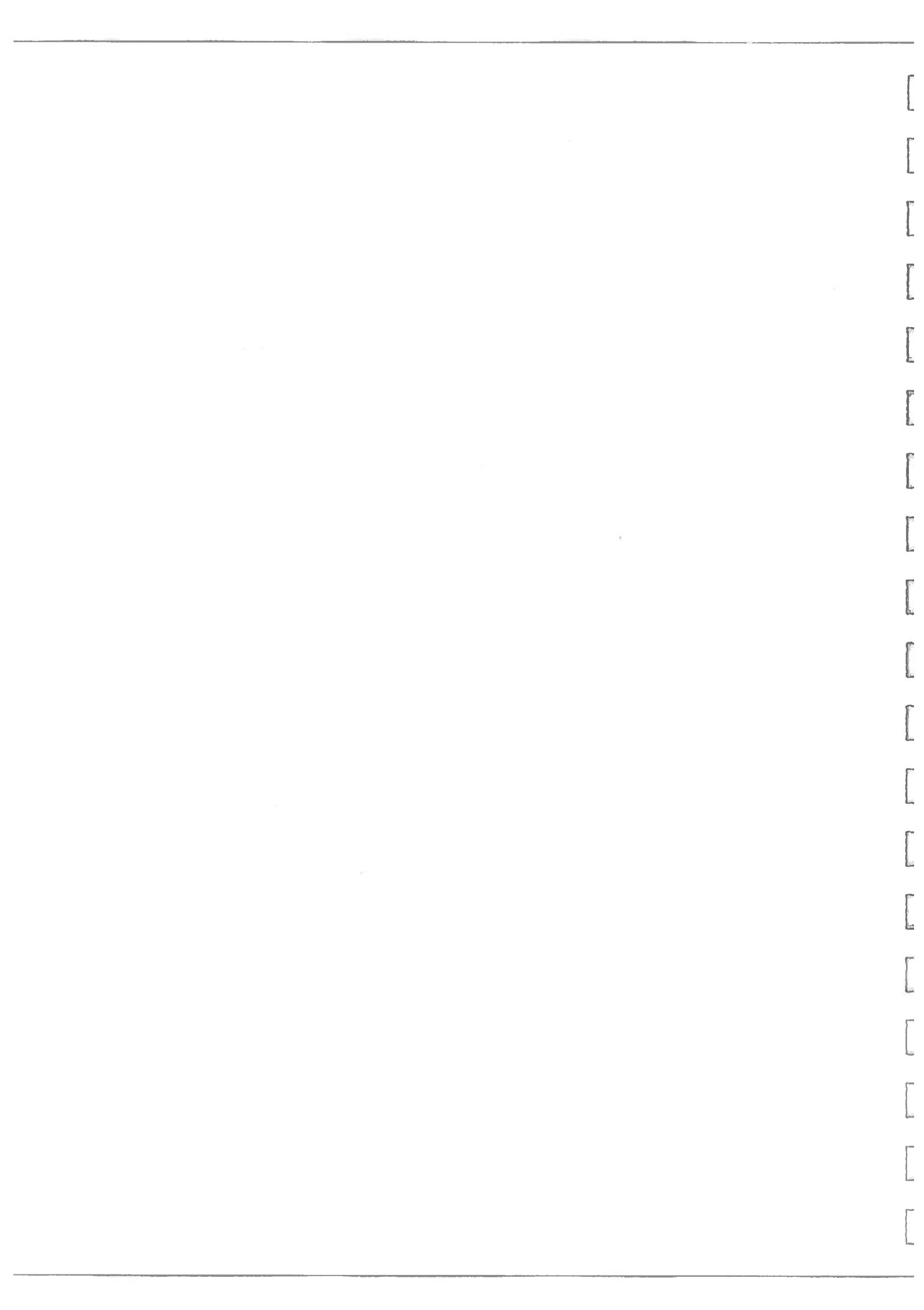
Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference

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CLIENT: Mc.Ginley and Associates
Work Order: N016097
Project: BRN028, BRN028

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P150702LCS	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 101043						
Client ID: LCSS	Batch ID: P15VS098	TestNo: EPA 8260B		Analysis Date:	SeqNo: 2032893						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	48.470	50.00		96.9	75	75	140				
Surr: 4-Bromofluorobenzene	51.550	50.00		103	73	73	128				
Surr: Dibromoformmethane	50.050	50.00		100	78	78	133				
Surr: Toluene-d8	51.090	50.00		102	80	80	120				
Sample ID: N016097-005BMSS	SampType: MS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 101043						
Client ID: ZZZZZZ	Batch ID: P15VS098	TestNo: EPA 8260B		Analysis Date:	SeqNo: 2032894						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	32.950	5.0	40.00	0	82.4	61	125				
1,1,1-Trichloroethane	35.660	5.0	40.00	0	89.2	64	123				
1,1,2,2-Tetrachloroethane	32.820	5.0	40.00	0	82.0	50	128				
1,1,2-Trichloroethane	34.800	5.0	40.00	0	87.0	62	135				
1,1-Dichloroethane	35.980	5.0	40.00	0	90.0	65	124				
1,1-Dichloroethene	33.830	5.0	40.00	0	84.6	62	130				
1,1-Dichloropropene	33.570	5.0	40.00	0	83.9	64	119				
1,2,3-Trichlorobenzene	16.450	5.0	40.00	0	41.1	24	145				
1,2,3-Trichloropropane	33.040	5.0	40.00	0	82.6	26	159				
1,2,4-Trichlorobenzene	17.480	5.0	40.00	0	43.7	26	144				
1,2,4-Trimethylbenzene	27.260	5.0	40.00	0	68.2	42	137				
1,2-Dibromo-3-chloropropane	31.640	10	40.00	0	79.1	44	131				
1,2-Dibromoethane	35.210	5.0	40.00	0	88.0	68	129				
1,2-Dichlorobenzene	25.200	5.0	40.00	0	63.0	52	129				
1,2-Dichloroethane	36.210	5.0	40.00	0	90.5	68	126				
1,2-Dichloropropane	34.830	5.0	40.00	0	87.1	69	120				
1,3,5-Trimethylbenzene	28.070	5.0	40.00	0	70.2	46	130				
1,3-Dichlorobenzene	25.990	5.0	40.00	0	65.0	51	126				
1,3-Dichloropropane	34.410	5.0	40.00	0	86.0	68	121				
1,4-Dichlorobenzene	25.670	5.0	40.00	0	64.2	51	125				
2,2-Dichloropropane	33.640	5.0	40.00	0	84.1	56	128				

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- DO Surrogate Diluted Out

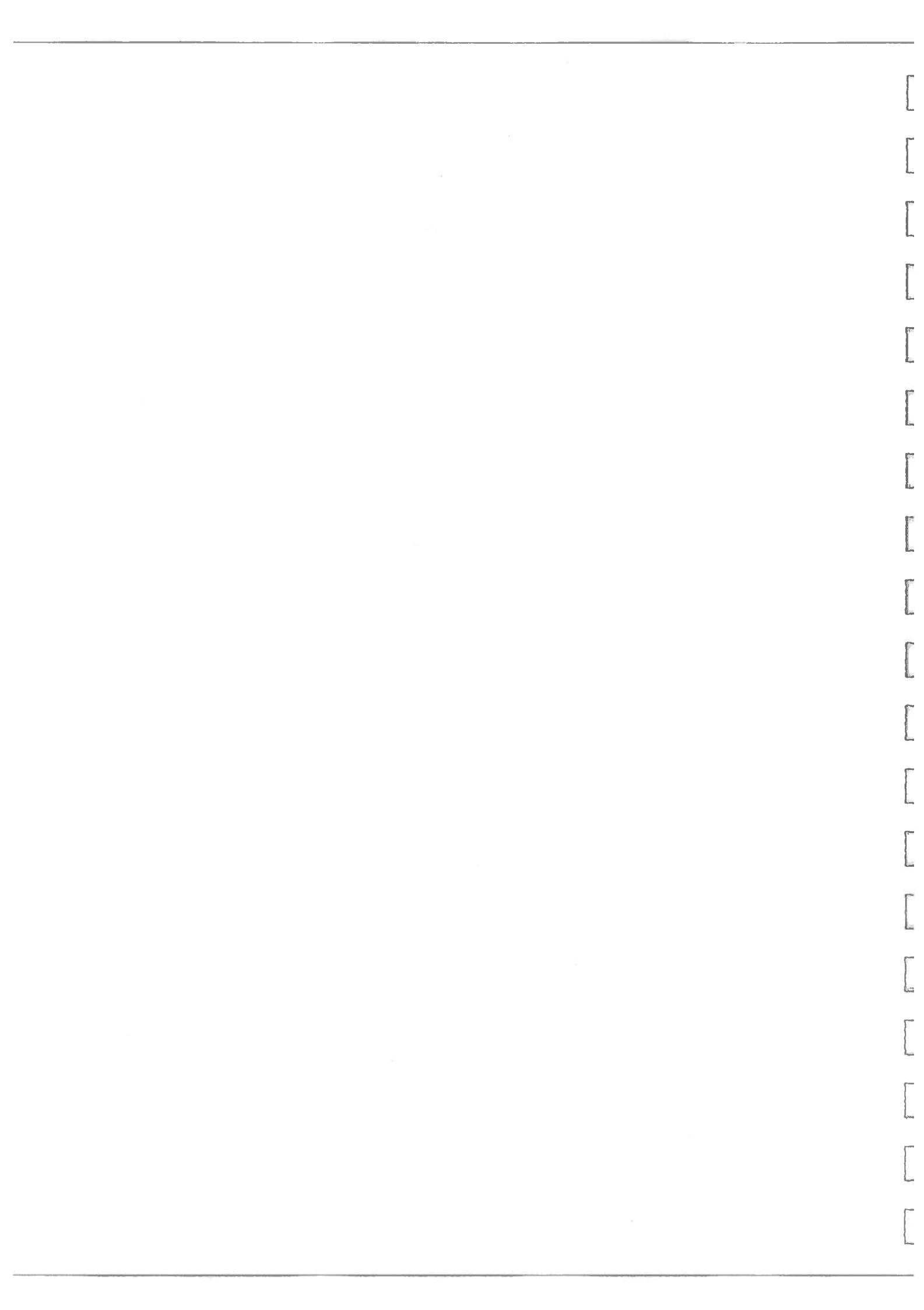


- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

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CLIENT: Mc.Ginley and Associates
Work Order: N016097
Project: BRN028, BRN028

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N016097-005BMS	SampType: MS	Batch ID: P15VS098	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 101043				
Client ID: zzzzzz			TestNo: EPA 8260B	SPK value	SPK Ref Val	Analysis Date: 7/2/2015	SeqNo: 2032894			
Analyte		Result	PQL	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	413.020	50	400.0	0	103	33	178			
2-Chlorotoluene	28.550	5.0	40.00	0	71.4	54	122			
4-Chlorotoluene	28.520	5.0	40.00	0	71.3	54	121			
4-Isopropyltoluene	26.950	5.0	40.00	0	67.4	44	127			
Benzene	33.650	5.0	40.00	0	84.1	71	120			
Bromobenzene	29.530	5.0	40.00	0	73.8	60	123			
Bromodichloromethane	34.910	5.0	40.00	0	87.3	68	125			
Bromoform	35.750	5.0	40.00	0	89.4	53	137			
Bromomethane	19.080	5.0	40.00	0	47.7	35	160			
Carbon tetrachloride	35.530	5.0	40.00	0	88.8	52	131			
Chlorobenzene	30.690	5.0	40.00	0	76.7	64	120			
Chloroethane	36.930	5.0	40.00	0	92.3	49	143			
Chloroform	35.450	5.0	40.00	0	88.6	65	125			
Chloromethane	23.470	5.0	40.00	0	58.7	43	135			
cis-1,2-Dichloroethene	35.520	5.0	40.00	0	88.8	68	125			
cis-1,3-Dichloropropene	33.870	5.0	40.00	0	84.7	65	126			
Dibromochloromethane	34.060	5.0	40.00	0	85.2	62	130			
Dibromomethane	35.570	5.0	40.00	0	88.9	71	122			
Dichlorodifluoromethane	36.280	5.0	40.00	0	90.7	49	146			
Ethylbenzene	30.280	5.0	40.00	0	75.7	59	120			
Freon-113	34.600	5.0	40.00	0	86.5	59	132			
Hexachlorobutadiene	22.980	5.0	40.00	0	57.4	18	135			
Isopropylbenzene	29.400	5.0	40.00	0	73.5	54	122			
m,p-Xylene	60.890	10	80.00	0	76.1	43	136			
Methylene chloride	32.150	5.0	40.00	0	80.4	48	144			
MTBE	36.560	5.0	40.00	0	91.4	60	140			
n-Butylbenzene	25.760	5.0	40.00	0	64.4	36	132			
n-Propylbenzene	28.370	5.0	40.00	0	70.9	49	126			
Naphthalene	20.150	5.0	40.00	0	50.4	27	140			
o-Xylene	30.800	5.0	40.00	0	77.0	47	135			

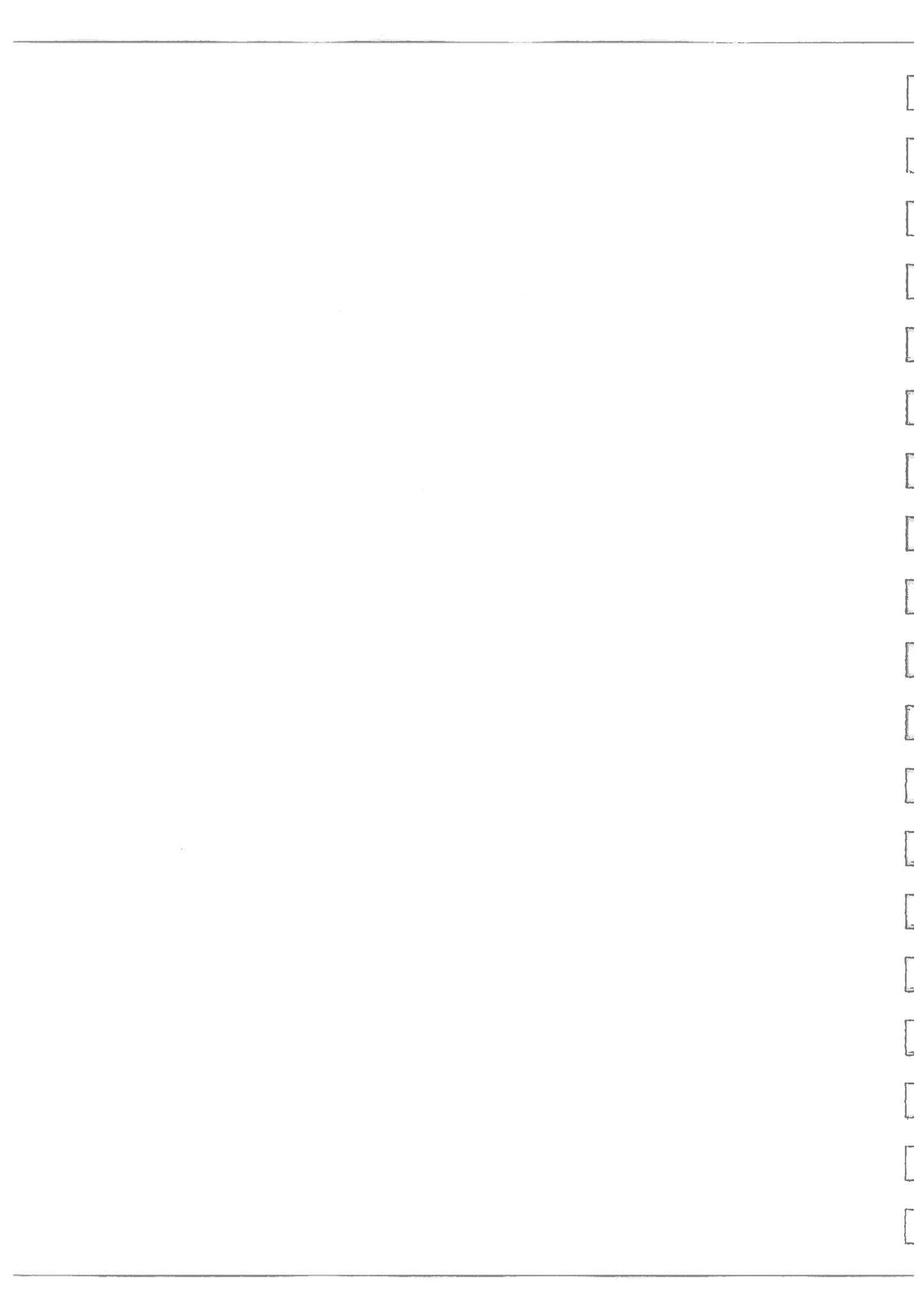
Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- DO Surrogate Diluted Out
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: Mc.Ginley and Associates
Work Order: N016097
Project: BRN028, BRN028

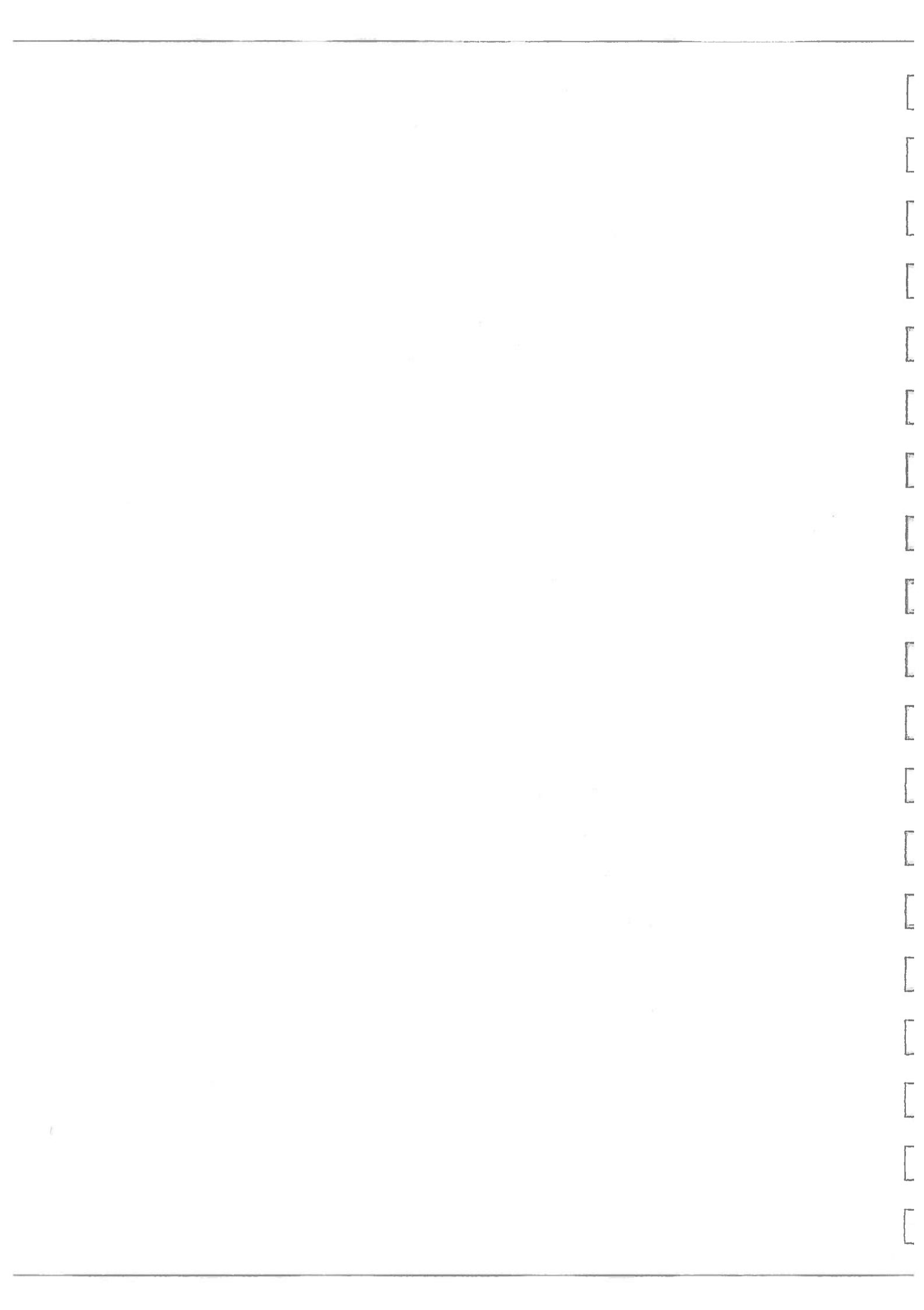
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N016097-005BMS	SampType: MS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 101043	
Client ID: ZZZZZZ	Batch ID: P15VS098	TestNo: EPA 8260B	SPK value	SPK Ref Val	Analysis Date:	SeqNo: 2032894
Analyte	Result	PQL	%REC	LowLimit	HighLimit	RPD Ref Val
sec-Butylbenzene	27.420	5.0	40.00	0	68.6	46
Styrene	28.580	5.0	40.00	0	74.0	61
tert-Butylbenzene	27.310	5.0	40.00	0	68.3	50
Tetrachloroethene	31.930	5.0	40.00	0	79.8	56
Toluene	33.140	5.0	40.00	0	82.8	66
trans-1,2-Dichloroethene	35.700	5.0	40.00	0	89.2	66
Trichloroethene	32.440	5.0	40.00	0	81.1	58
Trichlorofluoromethane	35.180	5.0	40.00	0	88.0	63
Vinyl chloride	33.400	5.0	40.00	0	83.5	63
Surf: 1,2-Dichloroethane-d4	56.660	50.00		113	75	140
Surf: 4-Bromofluorobenzene	51.830	50.00		104	73	128
Surf: Dibromofluoromethane	56.090	50.00		112	78	133
Surf: Toluene-d8	51.080	50.00		102	80	120
Sample ID: N016097-005BMSD	SampType: MSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 101043	
Client ID: ZZZZZZ	Batch ID: P15VS098	TestNo: EPA 8260B	SPK value	SPK Ref Val	Analysis Date:	SeqNo: 2032895
Analyte	Result	PQL	%REC	LowLimit	HighLimit	RPD Ref Val
1,1,1,2-Tetrachloroethane	30.240	5.0	40.00	0	75.6	61
1,1,1-Trichloroethane	34.680	5.0	40.00	0	86.7	64
1,1,2,2-Tetrachloroethane	30.160	5.0	40.00	0	75.4	50
1,1,2-Trichloroethane	33.270	5.0	40.00	0	83.2	62
1,1-Dichloroethane	34.390	5.0	40.00	0	86.0	65
1,1-Dichloroethene	33.230	5.0	40.00	0	83.1	62
1,1-Dichloropropene	32.750	5.0	40.00	0	81.9	64
1,2,3-Trichlorobenzene	12.470	5.0	40.00	0	31.2	24
1,2,3-Trichloropropane	30.380	5.0	40.00	0	76.0	26
1,2,4-Trichlorobenzene	13.480	5.0	40.00	0	33.7	26
1,2,4-Trimethylbenzene	23.920	5.0	40.00	0	59.8	42
1,2-Dibromo-3-chloropropane	29.720	10	40.00	0	74.3	44

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- DO Surrogate Diluted Out
- R H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CLIENT: Mc.Ginley and Associates
Work Order: N016097
Project: BRN028, BRN028

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N016097-006BMSD	SampType: MSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 101043					
Client ID: 2ZZZZZ	Batch ID: P15V5098	TestNo: EPA 8260B	SPK Ref Val	Analysis Date:	7/2/2015	SeqNo: 2032895				
Analyte	Result	PQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	32.480	5.0	40.00	0	81.2	68	129	35.21	8.07	20
1,2-Dichlorobenzene	21.170	5.0	40.00	0	52.9	52	129	25.20	17.4	20
1,2-Dichloroethane	34.990	5.0	40.00	0	87.5	68	126	36.21	3.43	20
1,2-Dichloropropane	33.000	5.0	40.00	0	82.5	69	120	34.83	5.40	20
1,3,5-Trimethylbenzene	25.280	5.0	40.00	0	63.2	46	130	28.07	10.4	20
1,3-Dichlorobenzene	22.270	5.0	40.00	0	55.7	51	126	25.99	15.4	20
1,3-Dichloropropane	31.710	5.0	40.00	0	79.3	68	121	34.41	8.17	20
1,4-Dichlorobenzene	22.480	5.0	40.00	0	56.2	51	125	25.87	13.3	20
2,2-Dichloropropane	32.880	5.0	40.00	0	81.7	56	128	33.64	2.96	20
2-Butanone	374.840	50	400.0	0	93.7	33	178	413.0	9.75	20
2-Chlorotoluene	25.420	5.0	40.00	0	63.6	54	122	28.55	11.6	20
25.410	5.0	40.00	0	63.5	54	121	28.52	11.5	20	
4-Chlorotoluene	24.000	5.0	40.00	0	60.0	44	127	26.95	11.6	20
4-Isopropyltoluene	32.540	5.0	40.00	0	81.4	71	120	33.65	3.35	20
Benzene	26.510	5.0	40.00	0	66.3	60	123	29.53	10.8	20
Bromobenzene	33.980	5.0	40.00	0	84.9	68	125	34.91	2.76	20
Bromodichloromethane	31.370	5.0	40.00	0	78.4	53	137	35.75	13.1	20
Bromoform	18.680	5.0	40.00	0	46.7	35	160	19.08	2.23	20
Bromomethane	34.350	5.0	40.00	0	85.9	52	131	35.53	3.38	20
Carbon tetrachloride	28.340	5.0	40.00	0	70.9	64	120	30.69	7.96	20
Chlorobenzene	34.970	5.0	40.00	0	87.4	49	143	36.93	5.45	20
Chloroethane	34.990	5.0	40.00	0	86.2	65	125	35.45	2.75	20
Chloroform	22.230	5.0	40.00	0	55.6	43	135	23.47	5.43	20
Chloromethane	33.710	5.0	40.00	0	84.3	68	125	35.52	5.23	20
cis-1,2-Dichloroethene	32.400	5.0	40.00	0	81.0	65	126	33.87	4.44	20
cis-1,3-Dichloropropene	31.980	5.0	40.00	0	80.0	62	130	34.06	6.30	20
Dibromochloromethane	34.540	5.0	40.00	0	86.4	71	122	35.57	2.94	20
Dibromomethane	35.310	5.0	40.00	0	88.3	49	146	36.28	2.71	20
Dichlorodifluoromethane	28.340	5.0	40.00	0	70.9	59	120	30.28	6.62	20
Ethylbenzene	31.820	5.0	40.00	0	79.6	59	132	34.60	8.37	20

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

H Holding times for preparation or analysis exceeded

E Value above quantitation range

R RPD outside accepted recovery limits

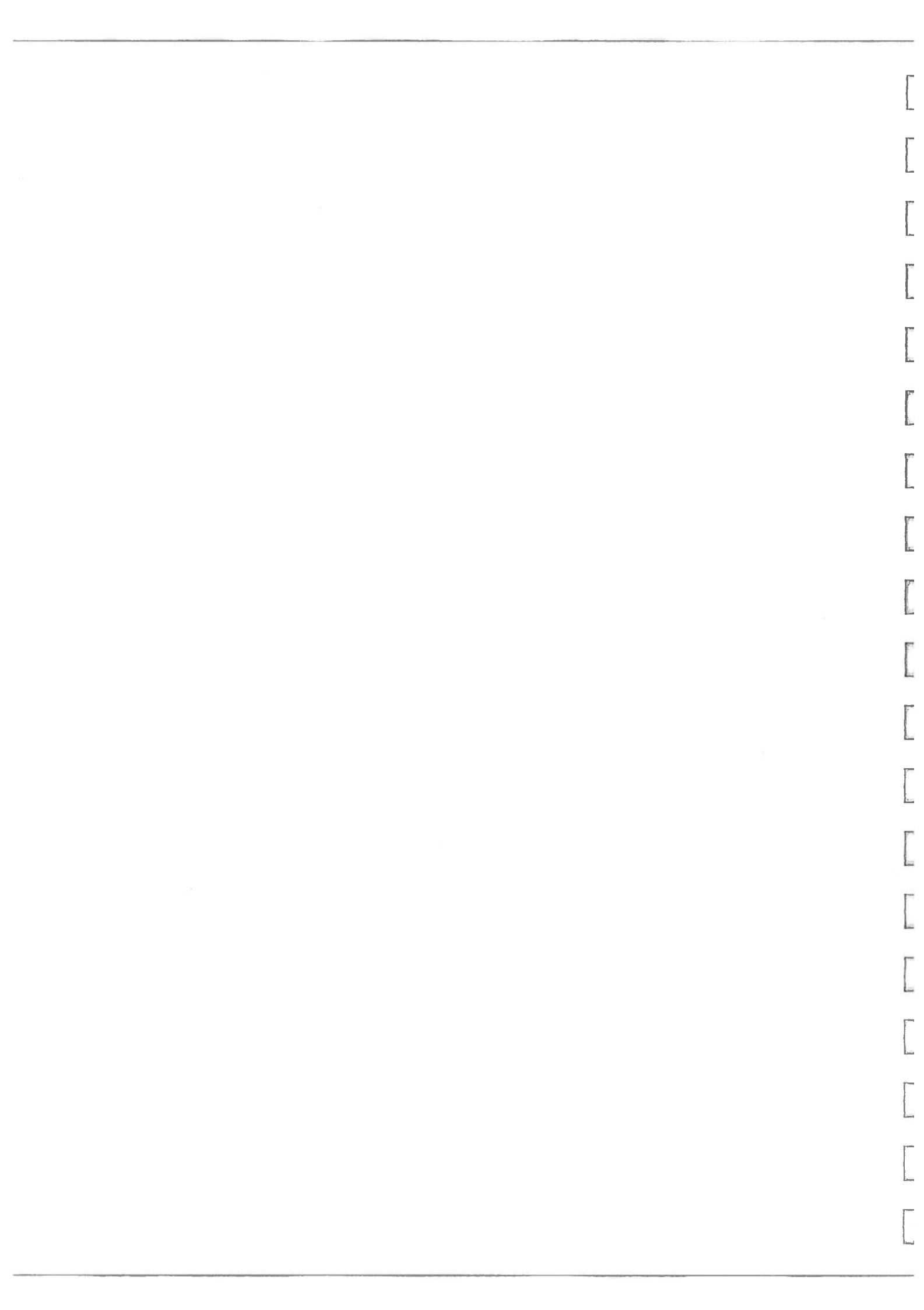
Calculations are based on raw values

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CLIENT: Mc.Ginley and Associates
Work Order: N016097
Project: BRN028, BRN028

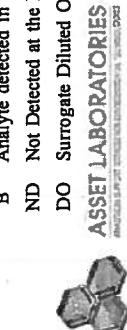
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N016097-005BMSD	SampType: MSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 101043						
Client ID: ZZZZZZ	Batch ID: P15VS098	TestNo: EPA 8260B	SPK value	SPK Ref Val	%REC	Analysis Date: 7/2/2015	SeqNo: 2032895				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	18.040	5.0	40.00	0	45.1	18	135	22.98	24.1	20	R
Isopropylbenzene	27.270	5.0	40.00	0	68.2	54	122	29.40	7.52	20	
m,p-Xylene	55.860	10	80.00	0	69.8	43	136	60.89	8.62	20	
Methylene chloride	30.440	5.0	40.00	0	76.1	48	144	32.15	5.46	20	
MTBE	34.570	5.0	40.00	0	86.4	60	140	36.56	5.60	20	
n-Butylbenzene	22.240	5.0	40.00	0	55.6	36	132	25.76	14.7	20	
n-Propylbenzene	26.020	5.0	40.00	0	65.0	49	126	28.37	8.64	20	
Naphthalene	15.740	5.0	40.00	0	39.4	27	140	20.15	24.6	20	R
o-Xylene	27.810	5.0	40.00	0	69.5	47	135	30.80	10.2	20	
sec-Butylbenzene	24.620	5.0	40.00	0	61.6	46	125	27.42	10.8	20	
Styrene	26.510	5.0	40.00	0	66.3	61	124	29.59	11.0	20	
tert-Butylbenzene	25.120	5.0	40.00	0	62.8	50	123	27.31	8.35	20	
Tetrachloroethene	29.200	5.0	40.00	0	73.0	56	120	31.93	8.93	20	
Toluene	30.990	5.0	40.00	0	77.5	66	120	33.14	6.71	20	
trans-1,2-Dichloroethene	34.710	5.0	40.00	0	86.8	66	126	35.70	2.81	20	
Trichloroethene	31.760	5.0	40.00	0	79.4	58	139	32.44	2.12	20	
Trichlorofluoromethane	34.590	5.0	40.00	0	86.5	63	135	35.18	1.69	20	
Vinyl chloride	31.990	5.0	40.00	0	80.0	63	126	33.40	4.31	20	
Surr: 1,2-Dichloroethane-d4	57.760	50.00	116	75	140	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	51.950	50.00	104	73	128	0	0	0	0	0	
Surr: Dibromofluoromethane	56.330	50.00	113	78	133	0	0	0	0	0	
Surr: Toluene-d8	52.020	50.00	104	80	120	0	0	0	0	0	
Sample ID: P150702MB3	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 101043						
Client ID: PBS	Batch ID: P15VS098	TestNo: EPA 8260B	SPK value	SPK Ref Val	%REC	Analysis Date: 7/2/2015	SeqNo: 2032896				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	5.0				H	Holding times for preparation or analysis exceeded	
1,1,1-Trichloroethane	ND	ND	ND	ND	5.0				S	Spike/Surrogate outside of limits due to matrix interference	
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	5.0						

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out

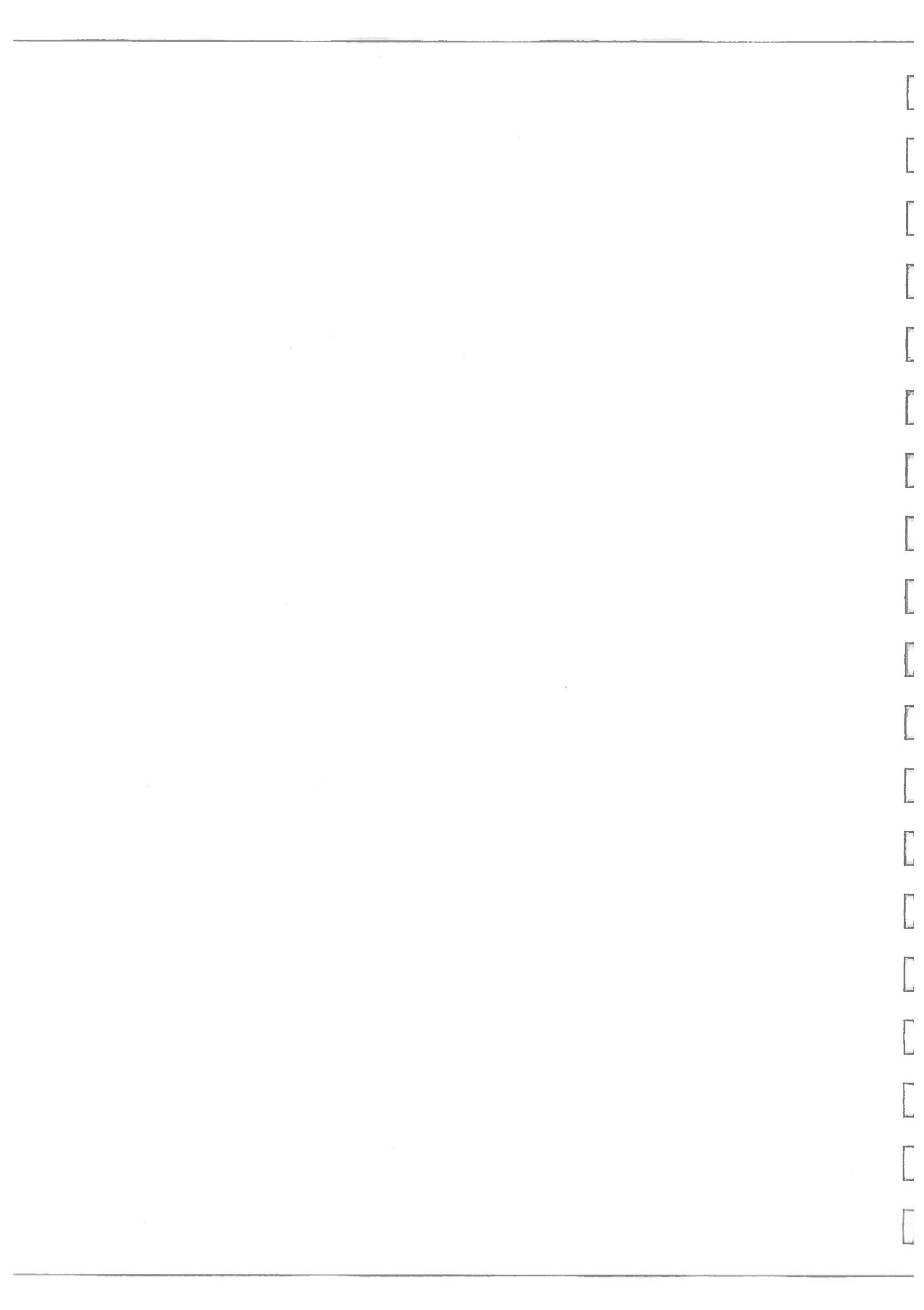


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NEVADA



CLIENT: Mc.Ginley and Associates
Work Order: N016097
Project: BRN028, BRN028

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P150702MB3	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 101043				
Client ID: PBS	Batch ID: P15VS098	TestNo: EPA 8260B	SPK value	SPK Ref Val	Analysis Date: 7/2/2015	SeqNo: 2032896			
Analyte	Result	PQL	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	5.0							
1,1-Dichloroethane	ND	5.0							
1,1-Dichloroethene	ND	5.0							
1,1-Dichloropropene	ND	5.0							
1,2,3-Trichlorobenzene	ND	5.0							
1,2,3-Trichloropropane	ND	5.0							
1,2,4-Trichlorobenzene	ND	5.0							
1,2,4-Trimethylbenzene	ND	5.0							
1,2-Dibromo-3-chloropropane	ND	10							
1,2-Dibromoethane	ND	5.0							
1,2-Dichlorobenzene	ND	5.0							
1,2-Dichloroethane	ND	5.0							
1,2-Dichloropropane	ND	5.0							
1,3,5-Trimethylbenzene	ND	5.0							
1,3-Dichlorobenzene	ND	5.0							
1,3-Dichloropropane	ND	5.0							
1,4-Dichlorobenzene	ND	5.0							
2,2-Dichloropropane	ND	5.0							
2-Butanone	ND	50							
2-Chlorotoluene	ND	5.0							
4-Chlorotoluene	ND	5.0							
4-Isopropyltoluene	ND	5.0							
Benzene	ND	5.0							
Bromobenzene	ND	5.0							
Bromodichloromethane	ND	5.0							
Bromoform	ND	5.0							
Bromomethane	ND	5.0							
Carbon tetrachloride	ND	5.0							
Chlorobenzene	ND	5.0							
Chloroethane	ND	5.0							

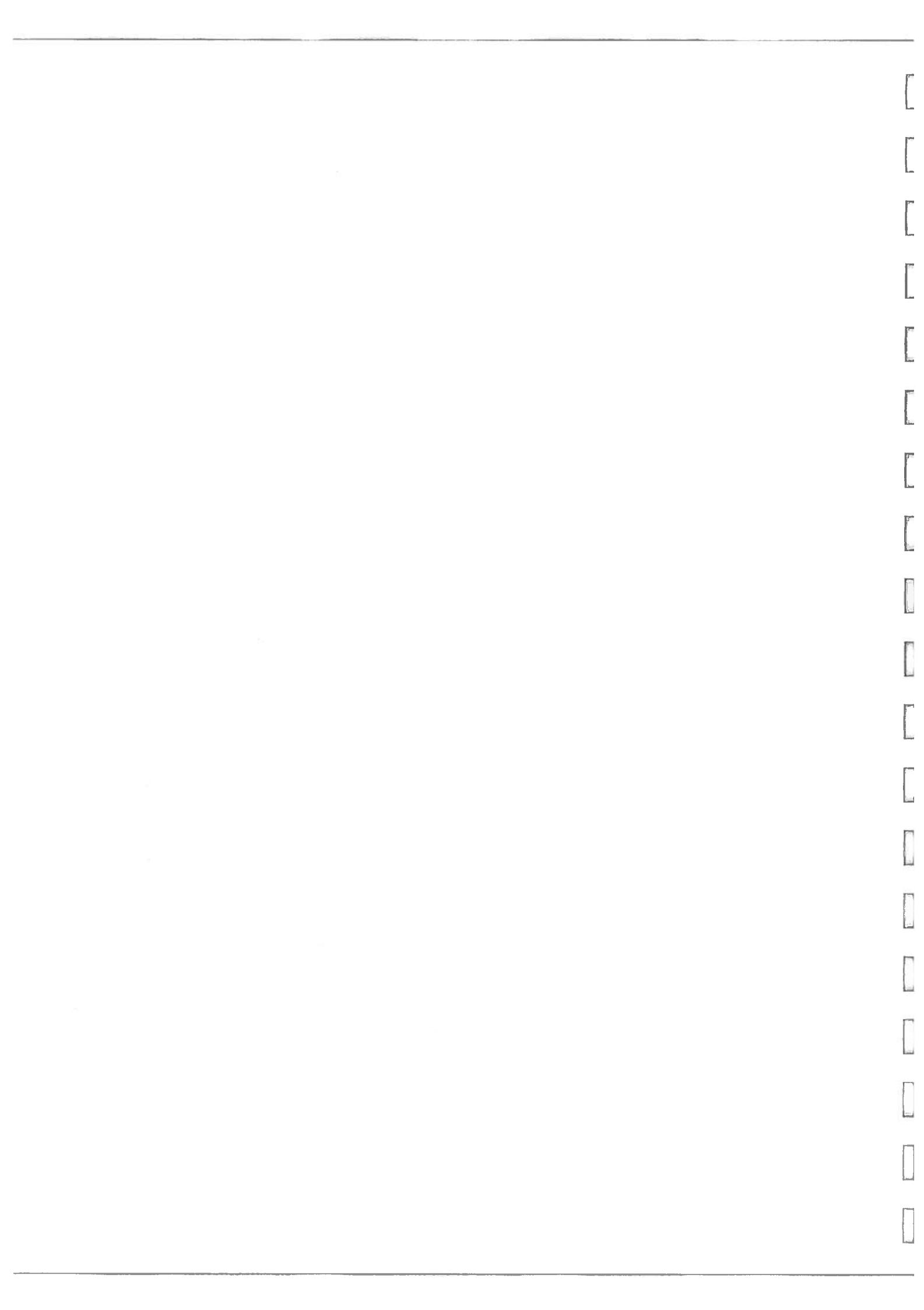
Qualifiers:

- B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
S Spike/Surrogate outside of limits due to matrix interference
H Holding times for preparation or analysis exceeded
R Calculations are based on raw values

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CLIENT: Mc.Ginley and Associates
Work Order: N016097
Project: BRN028, BRN028

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P150702MB3	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 101043		
Client ID: PBS	Batch ID: P15VS098	TestNo: EPA 8260B		Analysis Date:	SeqNo: 2032896		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit
Chloroform	ND	5.0					
Chloromethane	ND	5.0					
cis-1,2-Dichloroethene	ND	5.0					
cis-1,3-Dichloropropene	ND	5.0					
Dibromochloromethane	ND	5.0					
Dibromomethane	ND	5.0					
Dichlorodifluoromethane	ND	5.0					
Ethylbenzene	ND	5.0					
Freon-113	ND	5.0					
Hexachlorobutadiene	ND	5.0					
Isopropylbenzene	ND	5.0					
m,p-Xylene	ND	10					
Methylene chloride	ND	5.0					
MTBE	ND	5.0					
n-Butylbenzene	ND	5.0					
n-Propylbenzene	ND	5.0					
Naphthalene	ND	5.0					
o-Xylene	ND	5.0					
sec-Butylbenzene	ND	5.0					
Styrene	ND	5.0					
tert-Butylbenzene	ND	5.0					
Tetrachloroethene	ND	5.0					
Toluene	ND	5.0					
trans-1,2-Dichloroethene	ND	5.0					
Trichloroethene	ND	5.0					
Trichlorofluoromethane	ND	5.0					
Vinyl chloride	51.720	50.00					
Surr: 1,2-Dichloroethane-d4	50.900	50.00					
Surr: 4-Bromofluorobenzene	52.440	50.00					

Qualifiers:

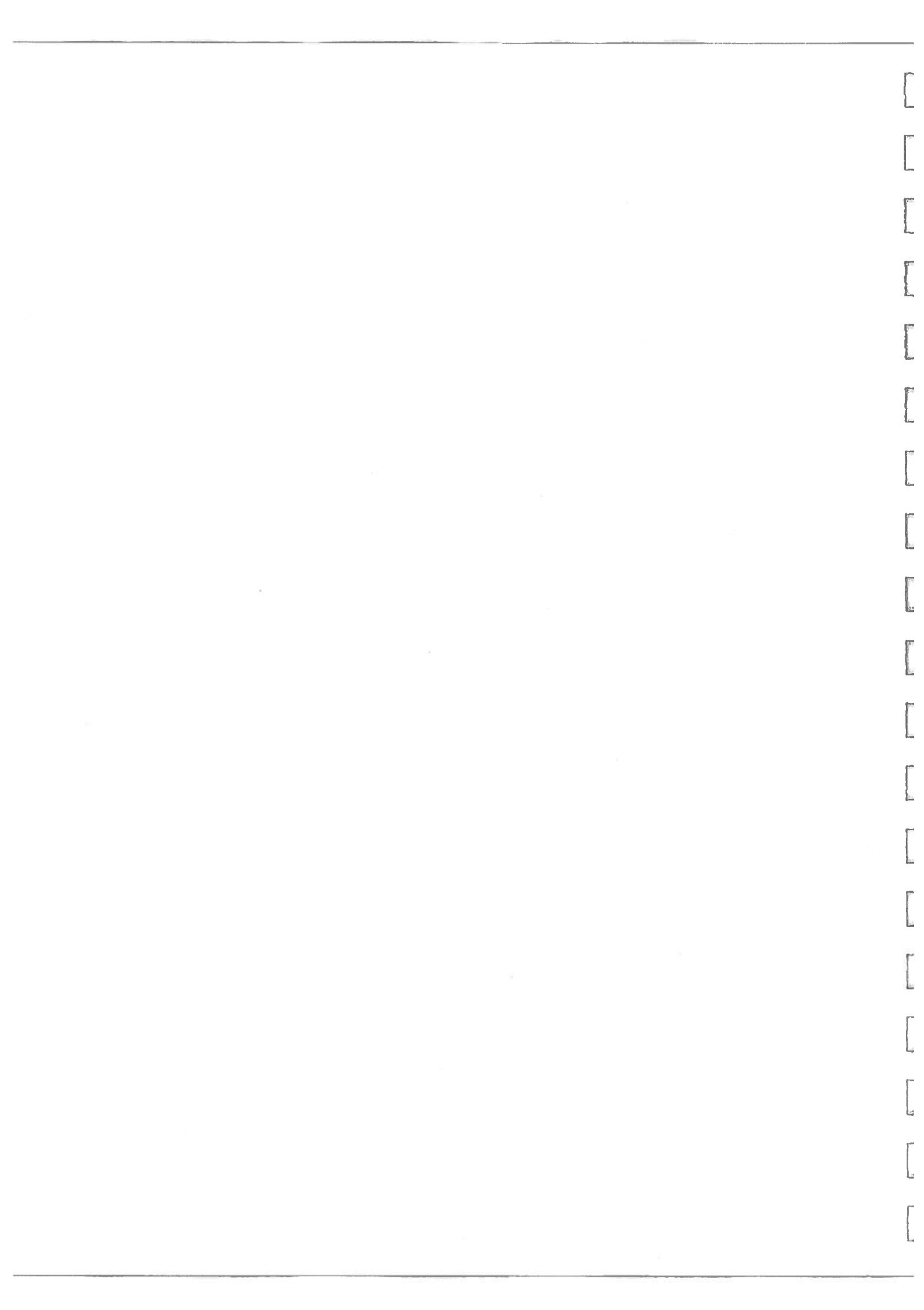
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- DO Surrogate Diluted Out
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

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CLIENT: Mc.Ginley and Associates
Work Order: N016097
Project: BRN028, BRN028

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID:	P150702MB3	SampType:	MBLK	TestCode:	8260SOIL	Units:	µg/Kg	Prep Date:	RunNo:	101043		
Client ID:	PBS	Batch ID:	P15VS098	TestNc:	EPA 8260B			Analysis Date:	SeqNo:	2032896		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Surf: Toluene-d8		51.640		50.00		103	80	120				

Qualifiers:

- B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
- E Value above quantitation range
R RPD outside accepted recovery limits

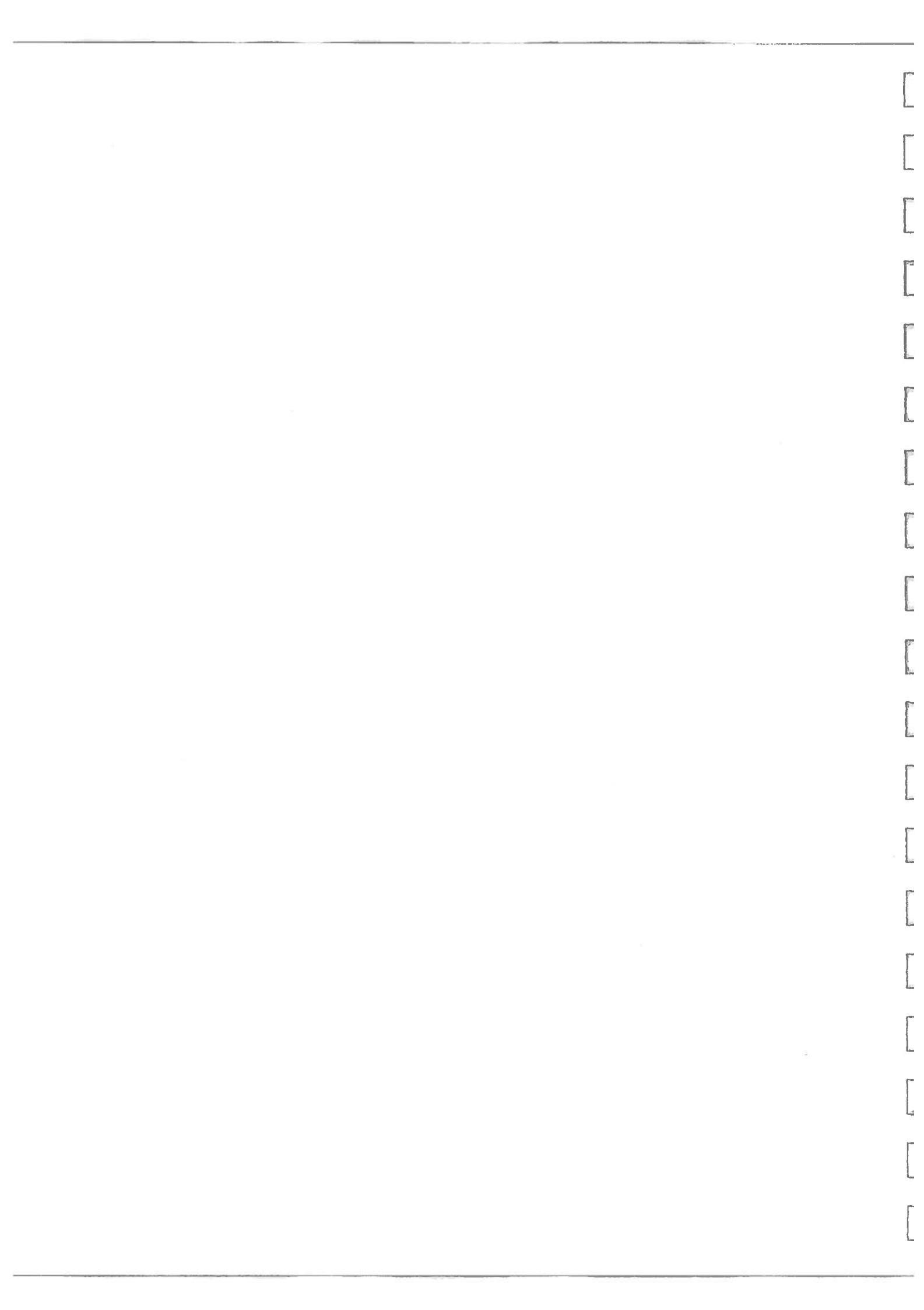
Calculations are based on raw values

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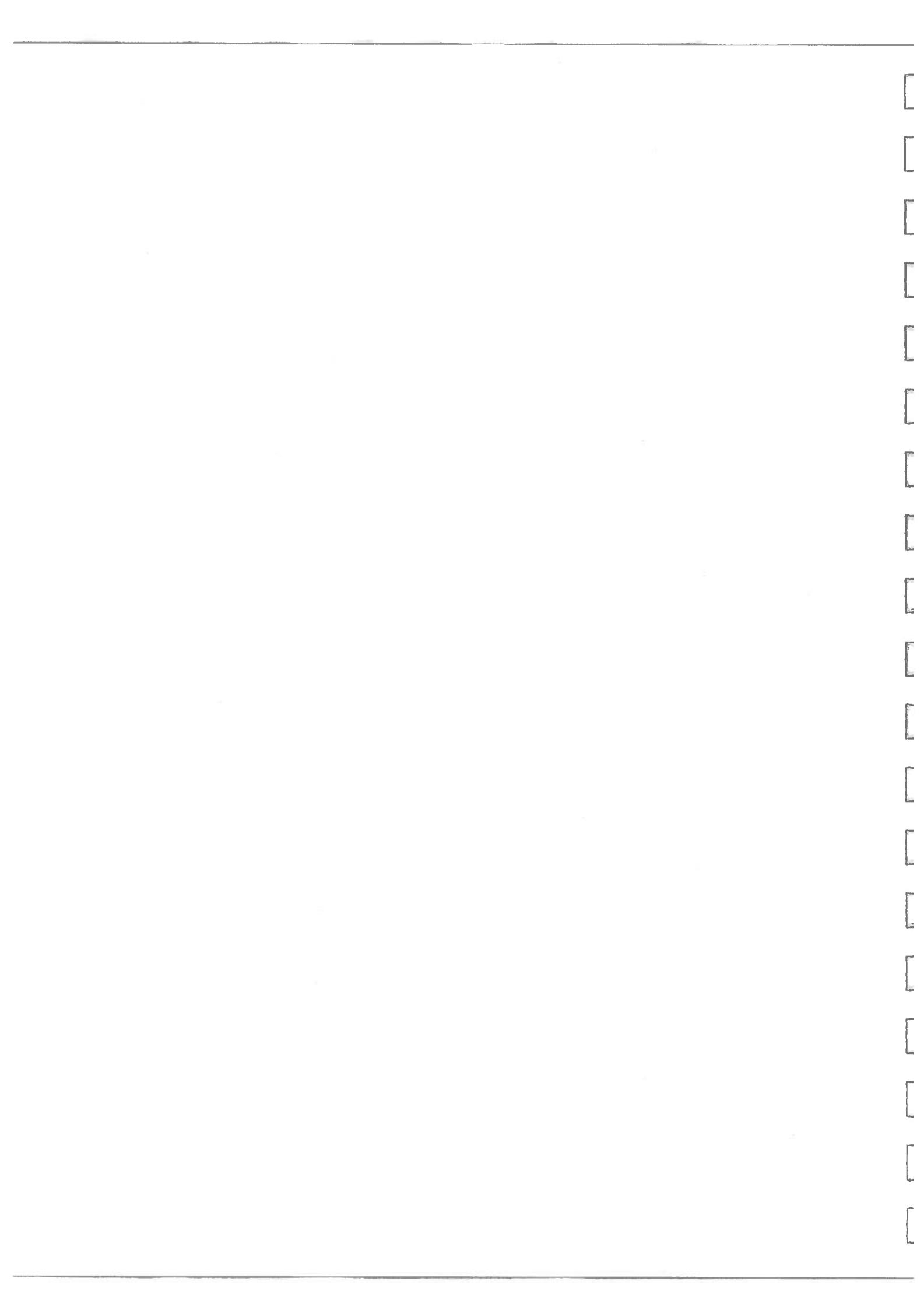
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CHAIN OF CUSTODY RECORD

Page **1** of **1**

Client:	McGinley & Associates		Report to:	BRETT BOTTENBERG		Empl to:	MCGINLEY & ASSOC.		QAQC	Sample Receipt Condition
Address:	1915 N. Green Valley Parkway		Company:	McGinley & Associates		Address:	Excel EDD	<input type="checkbox"/>	RTME	<input type="checkbox"/>
Address:	Suite 200		Email:	Bottenberg@mcglin.com		Email to:	Geotracker	<input type="checkbox"/>	RWQCB	<input type="checkbox"/>
Phone:	(402) 260-4961	Fax:	Address:	1915 N. Green Valley Parkway		PO#	Labspec	<input type="checkbox"/>	CarTrans	<input type="checkbox"/>
Submitted By:	J. Prante		Phone:	SIX 200		Fax:	Others	<input type="checkbox"/>	Level III	<input type="checkbox"/>
Title:	Staff Engineer		Phone:	(402) 260-4961		Fax:	Specific Spec:	<input type="checkbox"/>	LEVEL IV	<input type="checkbox"/>
Signature:	J. Prante		Date:	6/24/13		Global ID:	Regulatory	<input type="checkbox"/>	Seal Present	<input type="checkbox"/>
I hereby authorize ASSET Labs to perform the tests indicated below:			Sampled By:	J. Prante		Method of Cooling	6. IR number	<input type="checkbox"/>	6. Method of Cooling	<input type="checkbox"/>
Matrix										
Analyses Requested										
Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	Remarks		
1	1016097 - 01	BEN028-SB-01-1.0	6/24	0915	X	X		3		
2	-02	BEN028-SB-01-3.0		0950				3		
3	-03	BEN028-SB-02-1.0		1051				3		
4	-04	BEN028-SB-02-3.0		1119				3		
5	-05	BEN028-SB-03-1.0		1140				3		
6	-06	BEN028-SB-03-3.0		1215				3		
7	-07	BEN028-RINSEATE	6/24	1430	X	V		3V		
8										
9										
10										
11										
12										
Reinquished by (Signature and Printed Name):	J. Prante		Date / Time	6/24/13		Date / Time	6/24/13		Turn Around Time (TAT)	Special Instruction:
Reinquished by (Signature and Printed Name):	J. Prante		Date / Time	6/24/13		Date / Time	6/24/13		A < 24 Hrs or Same Day TAT	Hold analysis
Reinquished by (Signature and Printed Name):	J. Prante		Date / Time	6/24/13		Date / Time	6/24/13		B = Next Workday	for VOCs & PAHs until results for TPH
Reinquished by (Signature and Printed Name):	J. Prante		Date / Time	6/24/13		Date / Time	6/24/13		C = 2 Workdays	
Reinquished by (Signature and Printed Name):	J. Prante		Date / Time	6/24/13		Date / Time	6/24/13		D = 3 Workdays	
Reinquished by (Signature and Printed Name):	J. Prante		Date / Time	6/24/13		Date / Time	6/24/13		E = Routine 5-7 Workdays	
Reinquished by (Signature and Printed Name):	J. Prante		Date / Time	6/24/13		Date / Time	6/24/13		TAT Starts at 8 AM the following day if samples received after 3:00 PM.	
Terms:	5. Trip Blankets and Envelopes (Blankets are \$100.00 each). 6. ASSET laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are net 30 Days. 8. All reports will be submitted in electronic format. Please inform ASSET laboratories if hard copy of report is needed. 9. For re-inventory analysis, 3% of the total project price. 4. ADD 10% surcharge for Level II Data (50% off for Level IV Data Parameters). Surcharge applied on total project price.									
Comments:	5. Trip Blankets and Envelopes (Blankets are \$100.00 each). 6. ASSET laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are net 30 Days. 8. All reports will be submitted in electronic format. Please inform ASSET laboratories if hard copy of report is needed. 9. For re-inventory analysis, 3% of the total project price. 4. ADD 10% surcharge for Level II Data (50% off for Level IV Data Parameters). Surcharge applied on total project price.									
Container Type:	<input checked="" type="checkbox"/> H-HCl <input type="checkbox"/> N-HNO ₃ <input type="checkbox"/> S-H ₂ SO ₄ <input type="checkbox"/> C=4°C <input type="checkbox"/> Zn/Ac ₂ <input type="checkbox"/> O=NaOH <input type="checkbox"/> T=NaBrCh <input type="checkbox"/> M= Metal <input type="checkbox"/> B = Teflon <input type="checkbox"/> G = Glass <input type="checkbox"/> P = Plastic <input type="checkbox"/> C = Can									
Printed Version:	Yellow = Laboratory Copy White = Customer's Copy									

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Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 6/24/2015

Workorder: N016097

Rep sample Temp (Deg C): 4.1

IR Gun ID: 1

Temp Blank: Yes No

Carrier name: Client

Last 4 digits of Tracking No.: NA Packing Material Used: None

Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

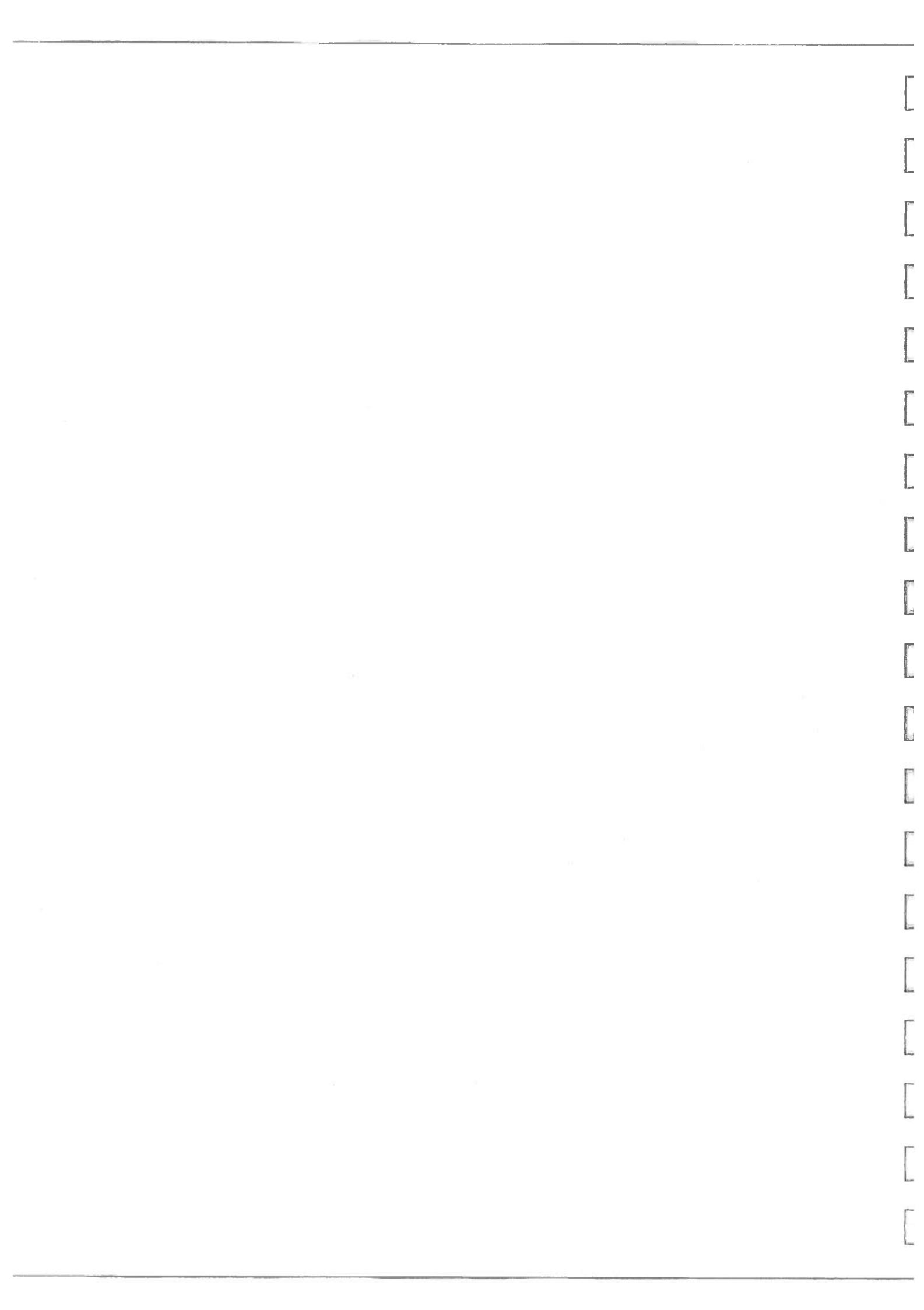
1. Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
2. Custody seals intact, signed, dated on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
3. Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
4. Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
5. Sampler's name present in COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
6. Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
7. Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
8. Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
9. Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
10. Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
11. All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
13. Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
15. Did the bottle labels indicate correct preservatives used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
16. Were there Non-Conformance issues at login? Was Client notified?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Comments	2 of 3 VOAs for TPH-p analysis have headspace. See correspondence.		

Checklist Completed By

JPG  06/25/15

Reviewed By:

 06/26/15



Sample Control

From: paolo@assetlaboratories.com
Sent: Thursday, June 25, 2015 9:03 AM
To: 'ASSET LV Sample Control'
Subject: FW: BRN028

Forwarding...

From: Jeri Prante [<mailto:iprante@mcain.com>]

Sent: Thursday, June 25, 2015 8:49 AM

To: paolo@assetlaboratories.com

Cc: Marlon Martin

Subject: Re: BRN028

Good Morning,

We would like to put a hold on evaluating the RINSEATE sample until we get the results back from the soil samples.

Thanks,

Jeri L. Prante, M.S., E.I.

McGinley and Associates

Office: (702) 260-4961

Cell: (281) 793-7204

Fax: (702) 260-4968

E-mail: JPrante@mcain.com

Website: www.mcain.com

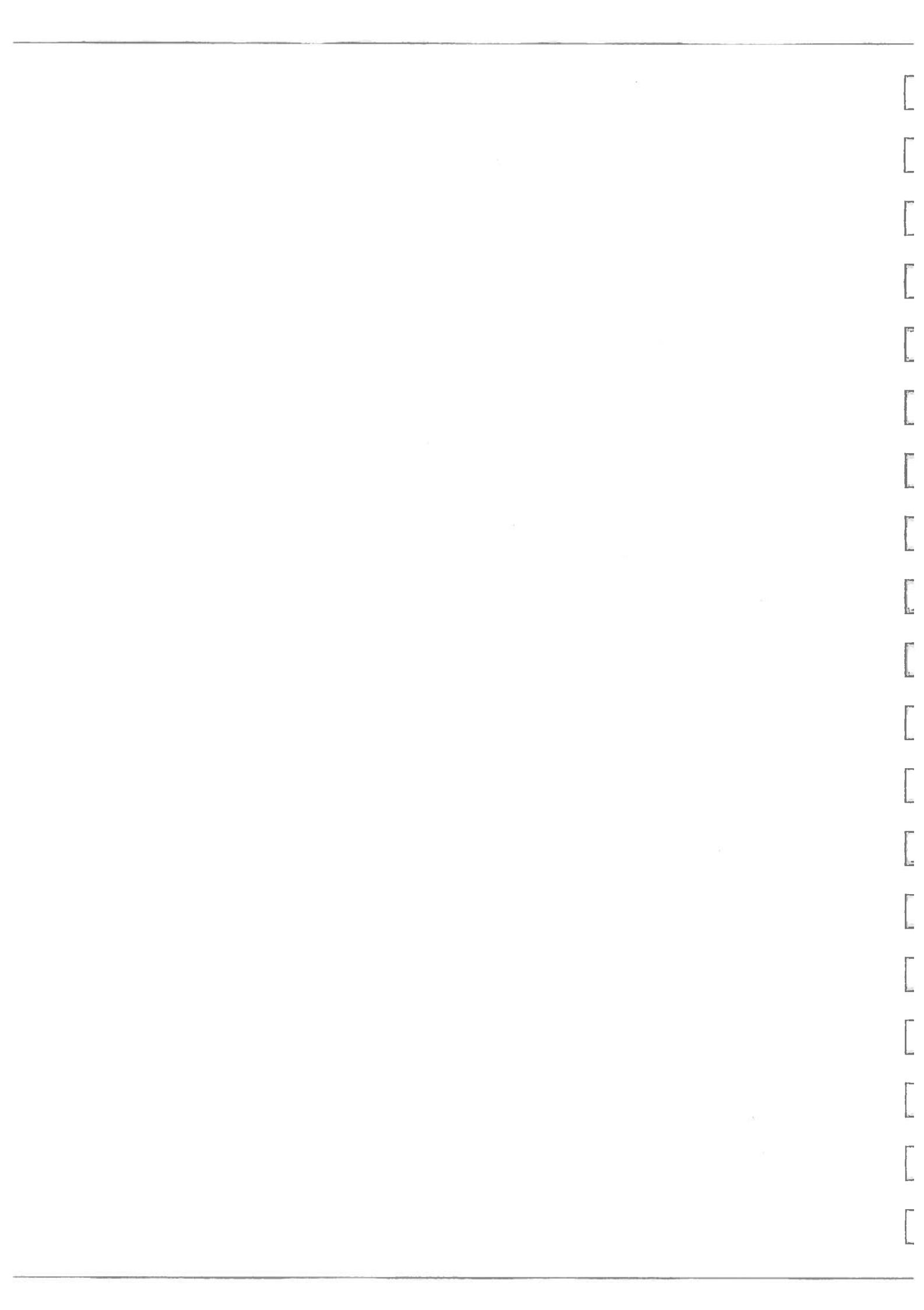
On Wed, Jun 24, 2015 at 5:08 PM, <paolo@assetlaboratories.com> wrote:

Good day, Jeri.

For the mentioned project, we would like to verify if you would want to test the RINSEATE for TPH-E as marked in the COC. It is ideal that we have an extra 1 Liter Amber glass for that test aside from the 3VOAs for TPH-P. Please advise on how you would like to proceed.

Thanks,

John Gumawid





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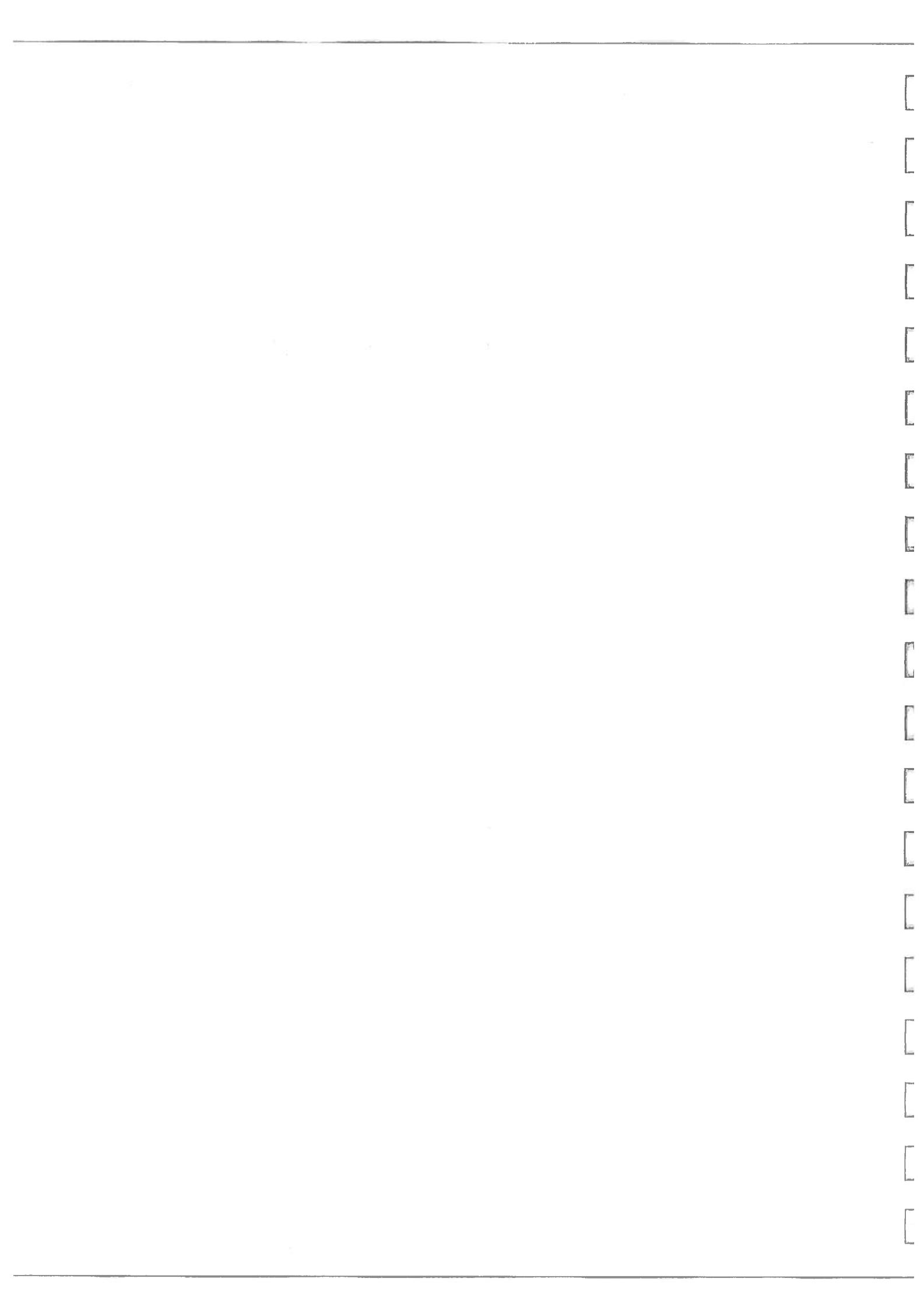
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Sample Control

From: Marlon B. Cartin <marlon@assetlaboratories.com>
Sent: Tuesday, June 30, 2015 5:22 PM
To: 'ASSET LV Sample Control'
Subject: FW: BRN028 (ASSET No. N016097 Prelims)

Please process.

Thanks,

Marlon B. Cartin

Project Manager

Nevada: 3151 W. Post Road, Las Vegas, NV 89118

P: 702.307.2659 Ext. 410 | F: 702.307.2691 | M: 702.439.0421

From: Brett Bottenberg [<mailto:bbottenberg@mgin.com>]

Sent: Tuesday, June 30, 2015 5:21 PM

To: Marlon B. Cartin

Cc: nancy@assetlaboratories.com; Jeri Prante

Subject: Re: BRN028 (ASSET No. N016097 Prelims)

Marlon,

looks like SB-03-1.0 has a TPH-E of greater than 100 mg/Kg....can you please run that sample for both VOCs and PAH-Sim for me?

Thanks,
Brett

Brett Bottenberg, CEM
Operations Manager - Las Vegas Office
McGinley & Associates, Inc.
1915 N. Green Valley Parkway, Suite 200
Henderson, NV 89074
Office: 702.260.4961 | Cell: 702.232.5247
bbottenberg@mgin.com

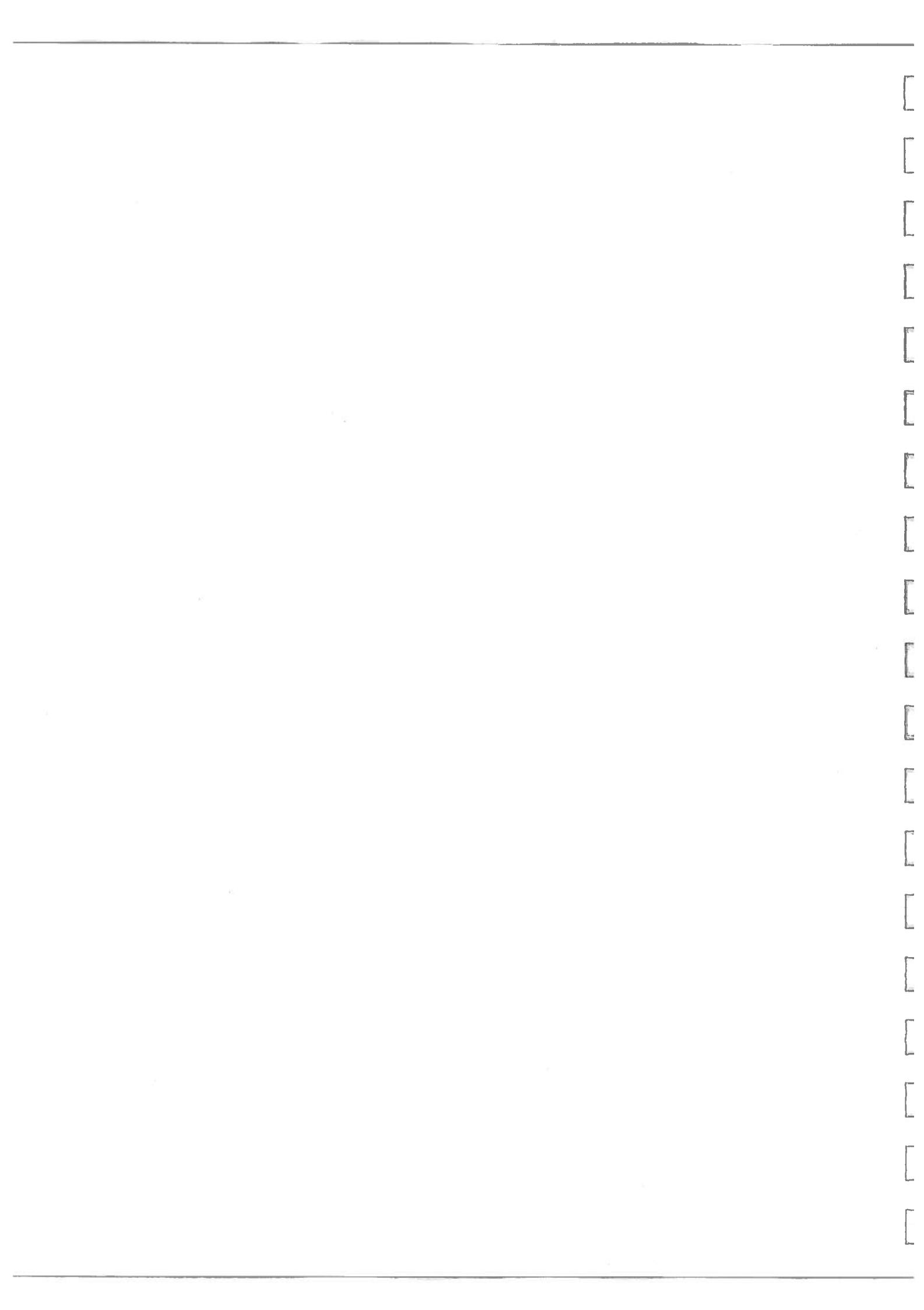
On Tue, Jun 30, 2015 at 5:13 PM, Marlon B. Cartin <marlon@assetlaboratories.com> wrote:

Hi Brett!

Please see attached preliminary lab report for the above project.

Thanks,

Marlon Cartin



Project Manager

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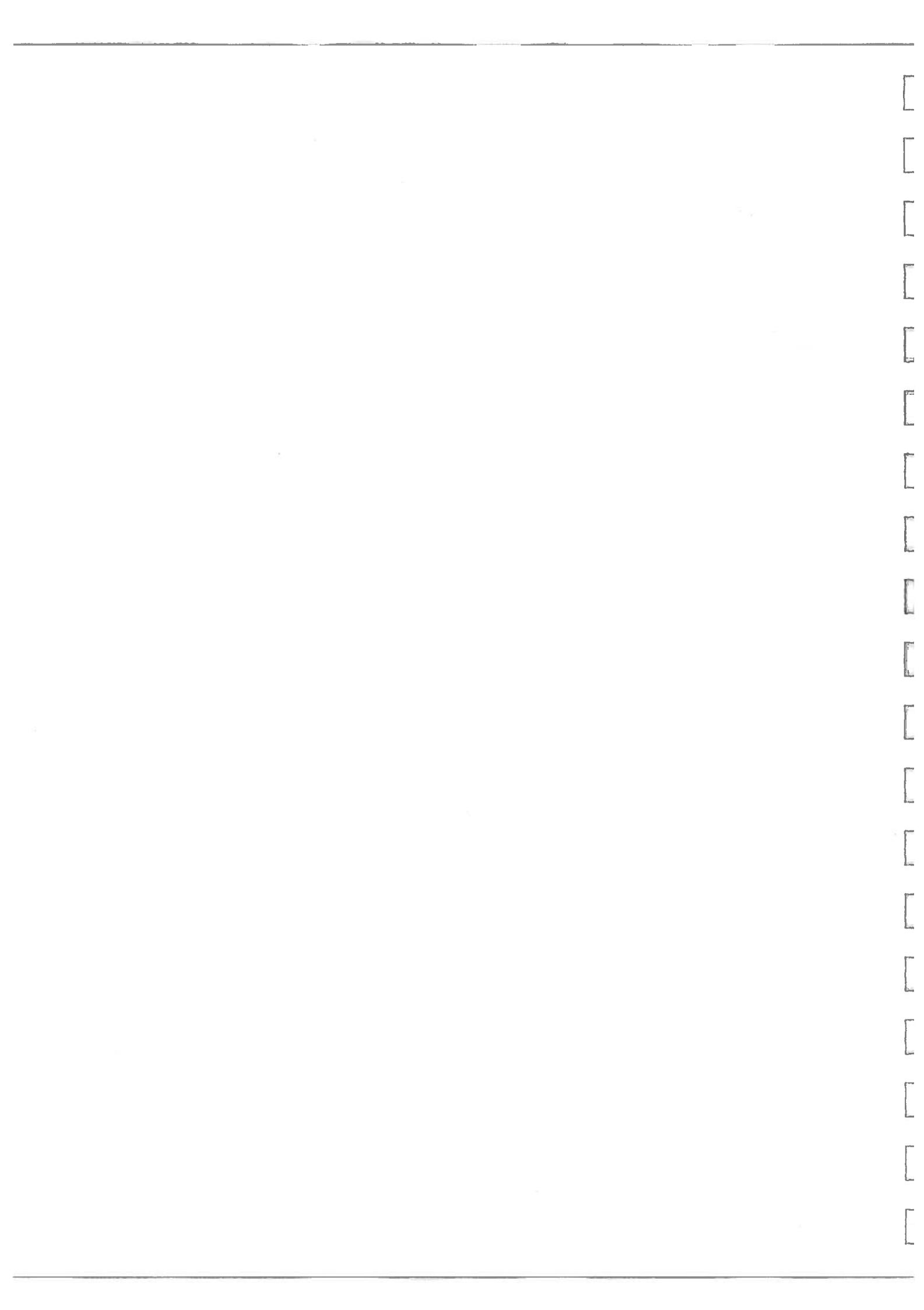


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July 08, 2015

Brett Bottenberg
Mc.Ginley and Associates
6280 S. Valley View Blvd. Suite 604
Las Vegas, NV 89118
TEL: (702) 260-4961
FAX: (702) 260-4968

CA-ELAP No.:2676
NV Cert. No.:NV-00922
Workorder No.: N016097

RE: BRN028, BRN028

Attention: Brett Bottenberg

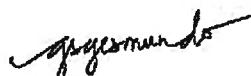
Enclosed are the results for sample(s) received on June 24, 2015 by ASSET Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Glen Gesmundo
QA Manager

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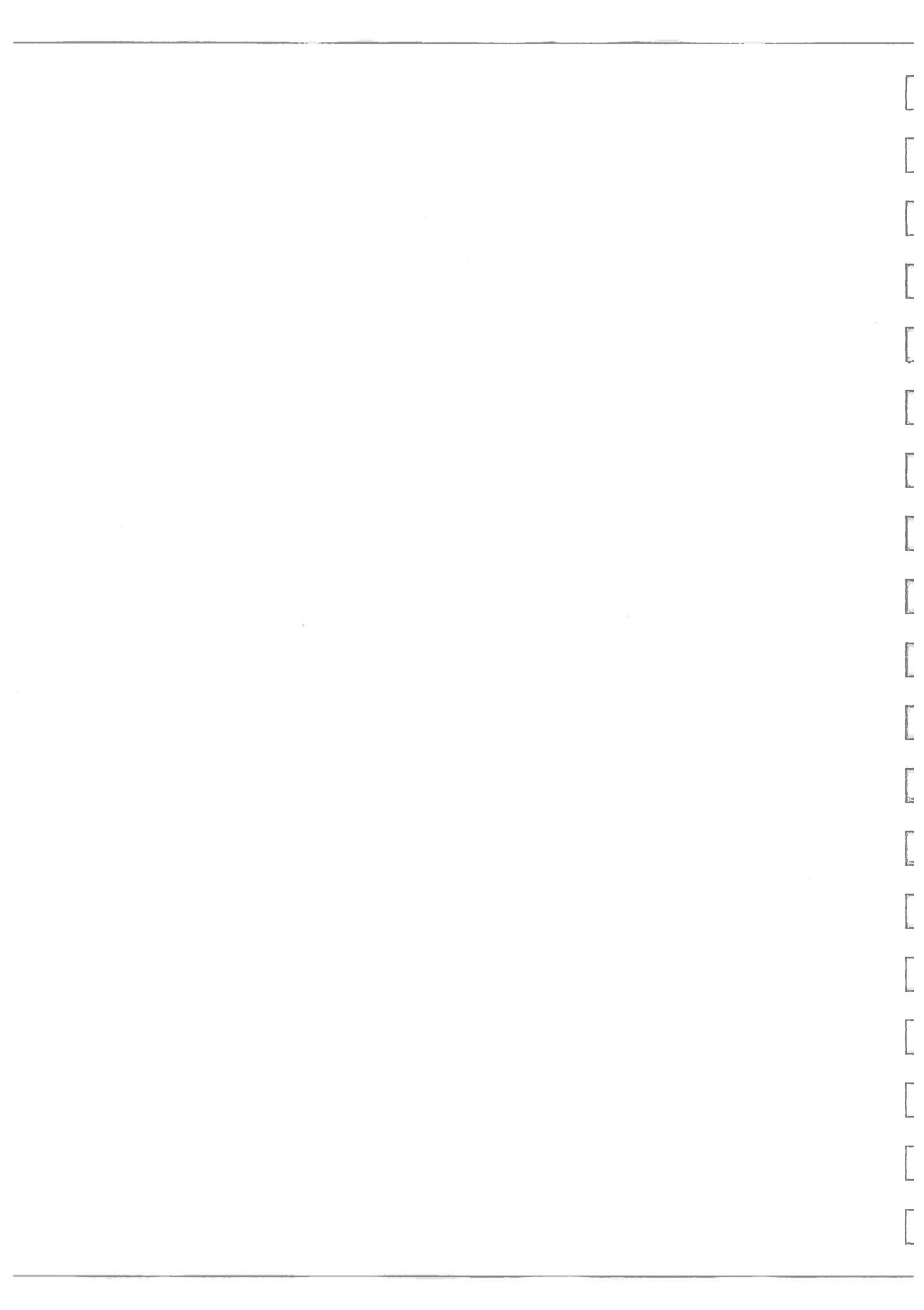
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ASSET Laboratories

Date: 08-Jul-15

CLIENT: Mc.Ginley and Associates
Project: BRN028, BRN028
Lab Order: N016097

CASE NARRATIVE

Analytical Comments for EPA 8270CSIM:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for some analytes on QC samples N016097-005A-MS and N016097-005A-MSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

RPD for Matrix Spike (MS)/Matrix Spike Duplicate (MSD) is outside criteria for some analytes possibly due to matrix interference; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

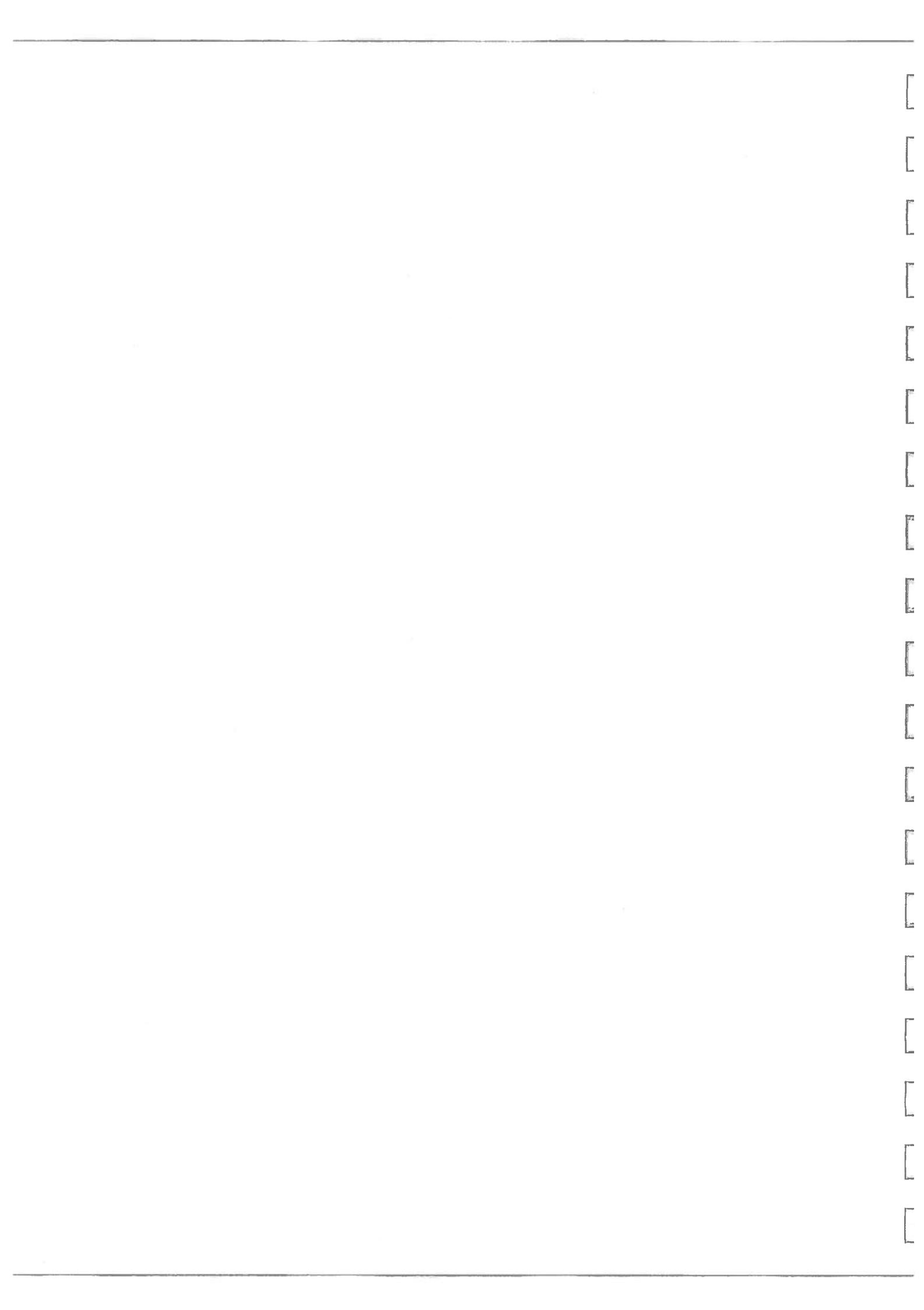


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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 08-Jul-15

CLIENT: Mc.Ginley and Associates **Client Sample ID:** BRN028-SB-03-1.0
Lab Order: N016097 **Collection Date:** 6/24/2015 11:40:00 AM
Project: BRN028, BRN028 **Matrix:** SOIL
Lab ID: N016097-005A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMOVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM**EPA 3550B** **EPA 8270CSIM**

RunID: MS3_150707A	QC Batch:	50827	PrepDate:	7/7/2015	Analyst: JAA
2-Methylnaphthalene	ND	5.0	µg/Kg	1	7/7/2015 11:48 PM
Acenaphthene	ND	5.0	µg/Kg	1	7/7/2015 11:48 PM
Acenaphthylene	ND	5.0	µg/Kg	1	7/7/2015 11:48 PM
Anthracene	ND	5.0	µg/Kg	1	7/7/2015 11:48 PM
Benzo(a)anthracene	ND	5.0	µg/Kg	1	7/7/2015 11:48 PM
Benzo(a)pyrene	ND	5.0	µg/Kg	1	7/7/2015 11:48 PM
Benzo(b)fluoranthene	ND	5.0	µg/Kg	1	7/7/2015 11:48 PM
Benzo(g,h,i)perylene	ND	5.0	µg/Kg	1	7/7/2015 11:48 PM
Benzo(k)fluoranthene	ND	5.0	µg/Kg	1	7/7/2015 11:48 PM
Chrysene	ND	5.0	µg/Kg	1	7/7/2015 11:48 PM
Dibenz(a,h)anthracene	ND	5.0	µg/Kg	1	7/7/2015 11:48 PM
Fluoranthene	7.7	5.0	µg/Kg	1	7/7/2015 11:48 PM
Fluorene	ND	5.0	µg/Kg	1	7/7/2015 11:48 PM
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/Kg	1	7/7/2015 11:48 PM
Naphthalene	ND	5.0	µg/Kg	1	7/7/2015 11:48 PM
Phenanthrene	ND	5.0	µg/Kg	1	7/7/2015 11:48 PM
Pyrene	7.3	5.0	µg/Kg	1	7/7/2015 11:48 PM
Surr: 1,2-Dichlorobenzene-d4	29.0	20-112	%REC	1	7/7/2015 11:48 PM
Surr: 2-Fluorobiphenyl	40.0	29-118	%REC	1	7/7/2015 11:48 PM
Surr: 4-Terphenyl-d14	44.0	23-136	%REC	1	7/7/2015 11:48 PM
Surr: Nitrobenzene-d5	45.0	28-122	%REC	1	7/7/2015 11:48 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out

E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified

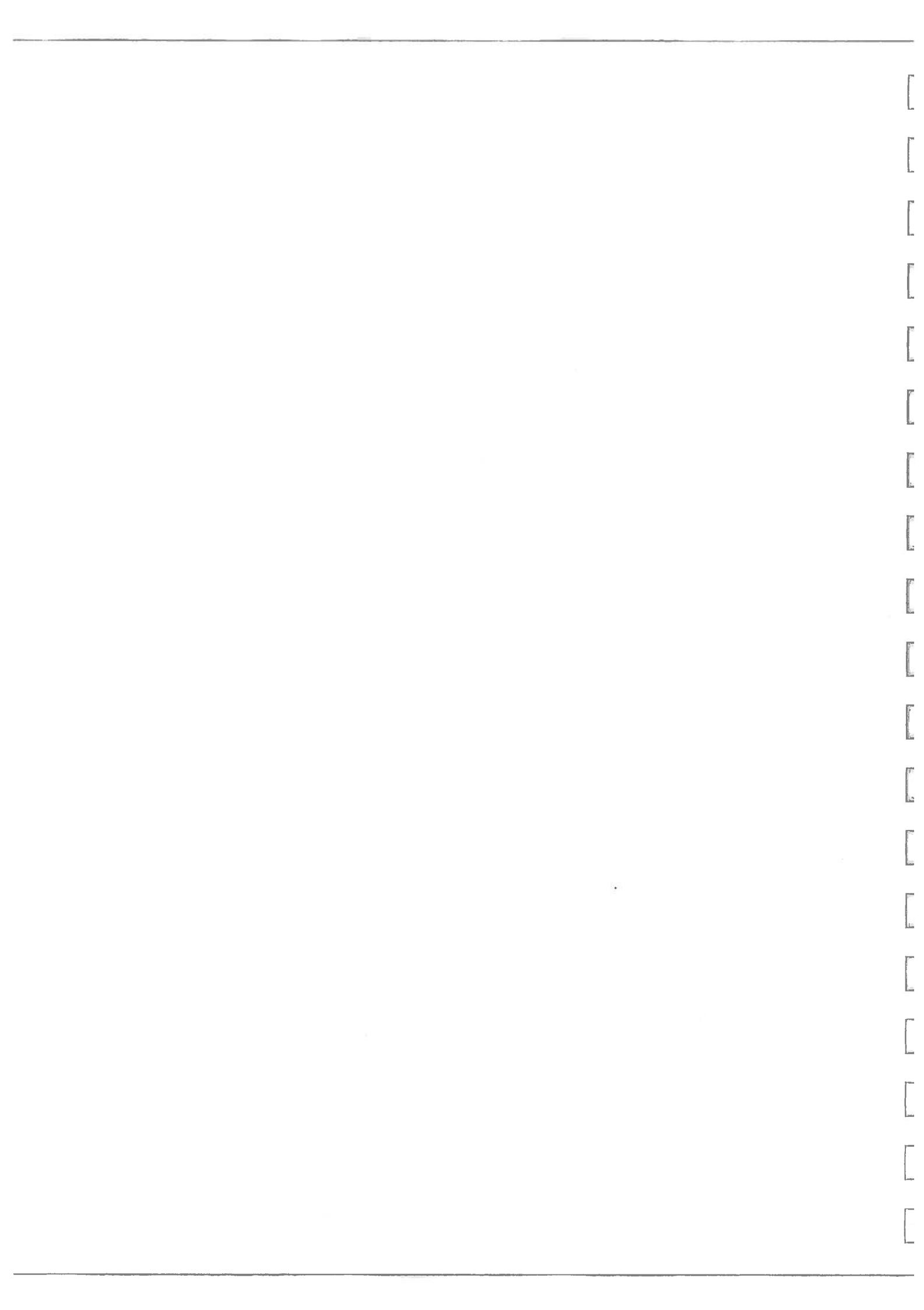
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Date: 08-Jul-15

CLIENT: Mc.Ginley and Associates
Work Order: N016097
Project: BRN028, BRN028

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_SIM

Sample ID: LCS-50827	SampType: LCS	TestCode: 8270SOIL_SI	Units: µg/Kg	Prep Date: 7/7/2015	RunNo: 101080						
Client ID: LCSS	Batch ID: 50827	TestNo: EPA 8270CSI	EPA 3550B	Analysis Date: 7/7/2015	SeqNo: 2034072						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Methylnaphthalene	21.667	5.0	33.30	0	65.1	30	133				
Acenaphthene	18.667	5.0	33.30	0	56.1	35	121				
Acenaphthylenne	21.667	5.0	33.30	0	65.1	28	125				
Anthracene	16.667	5.0	33.30	0	50.1	46	117				
Benz(a)anthracene	19.667	5.0	33.30	0	59.1	52	123				
Benzo(a)pyrene	17.383	5.0	33.30	0	52.1	43	124				
Benzo(b)fluoranthene	20.333	5.0	33.30	0	61.1	48	132				
Benzo(g,h,i)perylene	17.000	5.0	33.30	0	51.1	35	136				
Benzo(k)fluoranthene	19.000	5.0	33.30	0	57.1	56	131				
Chrysene	19.000	5.0	33.30	0	57.1	55	118				
Dibenz(a,h)anthracene	18.667	5.0	33.30	0	56.1	44	137				
Fluoranthene	20.000	5.0	33.30	0	60.1	60	127				
Fluorene	20.000	5.0	33.30	0	60.1	47	118				
Indeno(1,2,3-cd)pyrene	18.667	5.0	33.30	0	56.1	44	137				
Naphthalene	18.333	5.0	33.30	0	55.1	32	127				
Phenanthrene	18.667	5.0	33.30	0	56.1	52	112				
Pyrene	19.667	5.0	33.30	0	59.1	56	127				
Surr: 1,2-Dichlorobenzene-d4	16.333	33.30	0	49.0	20	112					
Surr: 2-Fluorobiphenyl	18.667	33.30	0	56.1	29	118					
Surr: 4-Terphenyl-d14	19.000	33.30	0	57.1	23	136					
Surr: Nitrobenzene-d5	21.393	33.30	0	64.1	28	122					

Sample ID: MB-50827	SampType: MBLK	TestCode: 8270SOIL_SI	Units: µg/Kg	Prep Date: 7/7/2015	RunNo: 101080						
Client ID: PBS	Batch ID: 50827	TestNo: EPA 8270CSI	EPA 3550B	Analysis Date: 7/7/2015	SeqNo: 2034073						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Methylnaphthalene	4.000	ND	5.0	5.0							
Acenaphthene	ND	ND	5.0	5.0							

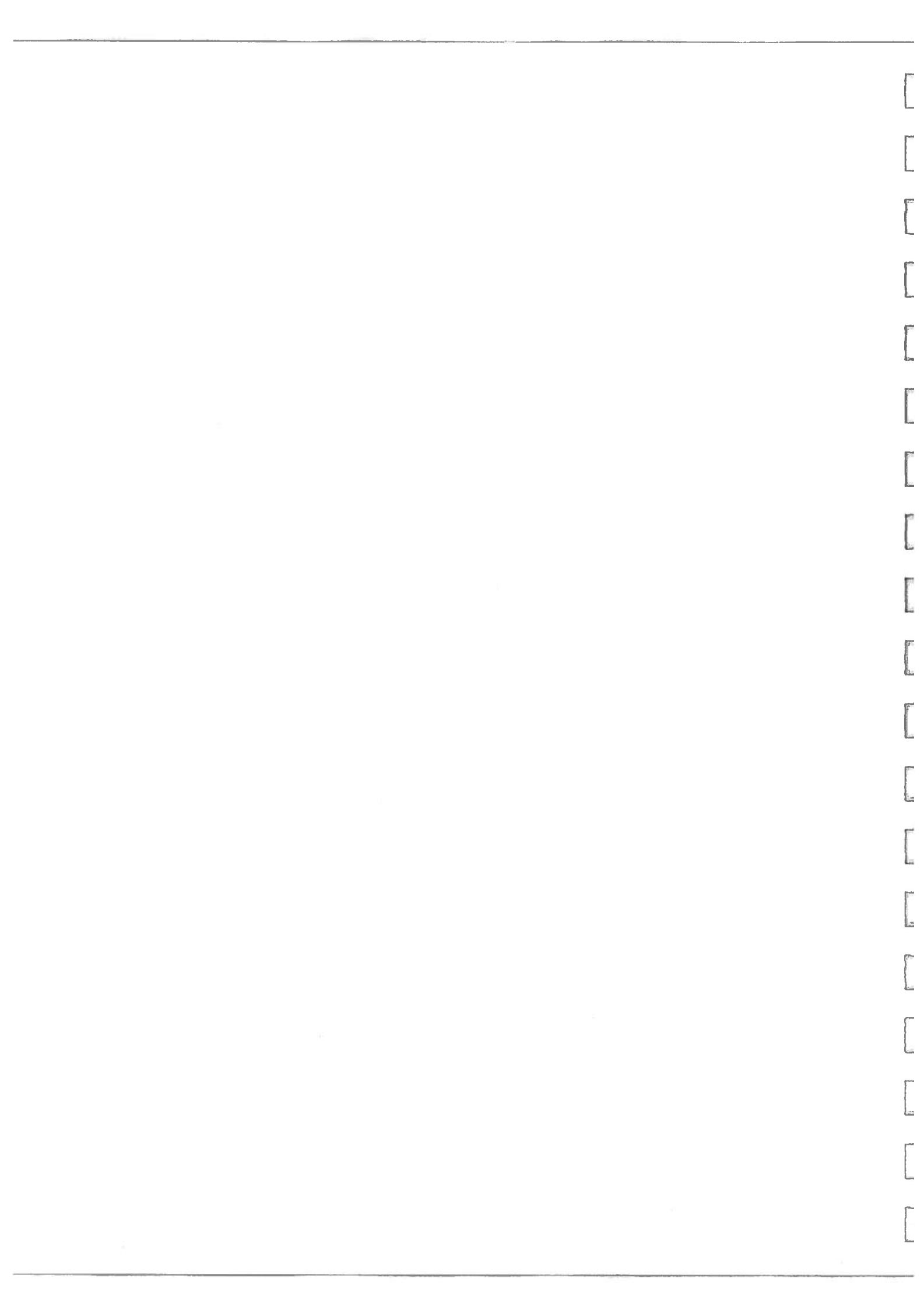
Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- DO Surrogate Diluted Out
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

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CLIENT: Mc.Ginley and Associates
Work Order: N016097
Project: BRN028, BRN028

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_SIM

Sample ID: MB-50827	SampType: MBLK	TestCode: 8270SOIL_SI	Units: µg/Kg	Prep Date: 7/7/2015	RunNo: 101080						
Client ID: PBS	Batch ID: 50827	TestNo: EPA 8270CSI	EPA 3550B	Analysis Date: 7/7/2015	SeqNo: 2034073						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthylene	ND	5.0									
Anthracene	ND	5.0									
Benz(a)anthracene	ND	5.0									
Benz(a)pyrene	ND	5.0									
Benzo(b)fluoranthene	ND	5.0									
Benzog(h,i)perylene	ND	5.0									
Benzo(k)fluoranthene	ND	5.0									
Chrysene	ND	5.0									
Dibenz(a,h)anthracene	ND	5.0									
Fluoranthene	ND	5.0									
Fluorene	ND	5.0									
Indeno(1,2,3-cd)pyrene	ND	5.0									
Naphthalene	ND	5.0									
Phenanthrene	ND	5.0									
Pyrene	15,000	33.30				45.0		20	112		
Surr: 1,2-Dichlorobenzene-d4											
Surr: 2-Fluorobiphenyl	17,000	33.30				51.1		29	118		
Surr: 4-Terphenyl-d14	17,333	33.30				52.1		23	136		
Surr: Nitrobenzene-d5	18,000	33.30				54.1		28	122		
Sample ID: N016097-005A-MS	SampType: MS	TestCode: 8270SOIL_SI	Units: µg/Kg	Prep Date: 7/7/2015	RunNo: 101080						
Client ID: 2ZZZZZ	Batch ID: 50827	TestNo: EPA 8270CSI	EPA 3550B	Analysis Date: 7/8/2015	SeqNo: 2034075						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Methylnaphthalene	494.16	5.0	133.5	3.992	34.0	27	112				
Acenaphthene	51,085	5.0	133.5	0	38.3	23	115				
Acenaphthylene	45,409	5.0	133.5	0	34.0	14	128				
Anthracene	52,421	5.0	133.5	0	39.3	39	107				
Benz(a)anthracene	86,811	5.0	133.5	3.327	62.5	28	130				
Benz(a)pyrene	63,773	5.0	133.5	4.325	44.5	28	121				

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

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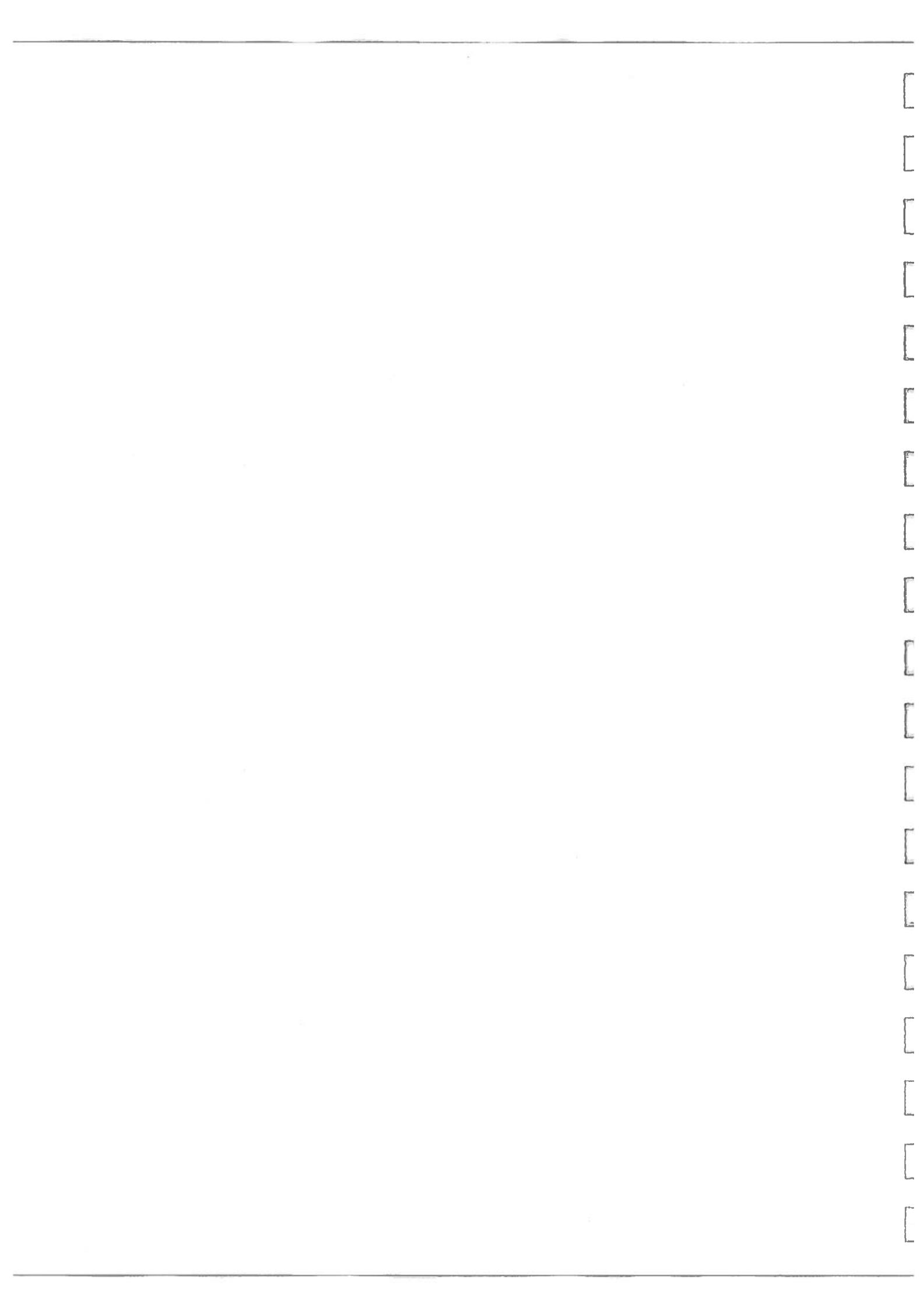
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CLIENT: Mc.Ginley and Associates
Work Order: N016097
Project: BRN028, BRN028

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_SIM

Sample ID: N016097-005A-MS	SampType: MS	TestCode: 8270SOIL_SI	Units: µg/Kg	Prep Date: 7/7/2015	RunNo: 101080						
Client ID: ZZZZZZ	Batch ID: 50827	TestNo: EPA 8270CSI	EPA 3550B	Analysis Date: 7/8/2015	SeqNo: 2034075						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benz{o(b)}fluoranthene	101.836	5.0	133.5	0	76.3	29	146				
Benz{o(g,h,i)}perylene	15.359	5.0	133.5	1.331	10.5	26	115				S
Benz{o(k)}fluoranthene	65.442	5.0	133.5	0	49.0	25	148				
Chrysene	50.417	5.0	133.5	4.657	34.3	18	125				
Dibenz{a,h}anthracene	20.033	5.0	133.5	0	15.0	29	121				
Fluoranthene	64.441	5.0	133.5	7.651	42.5	21	140				
Fluorene	59.432	5.0	133.5	0	44.5	23	125				
Indeno[1,2,3-cd]pyrene	19.699	5.0	133.5	0	14.8	26	120				S
Naphthalene	38.731	5.0	133.5	0	29.0	28	98				
Phenanthrene	54.758	5.0	133.5	2.994	38.8	17	133				
Pyrene	63.773	5.0	133.5	7.319	42.3	32	122				
Surf: 1,2-Dichlorobenzene-d4	6.678	33.36			20.0	20	112				
Surf: 2-Fluorobiphenyl	12.354	33.36			37.0	29	118				
Surf: 4-Terphenyl-d14	16.694	33.36			50.1	23	136				
Surf: Nitrobenzene-d5	12.688	33.36			38.0	28	122				
Sample ID: N016097-005A-MSD	SampType: MSD	TestCode: 8270SOIL_SI	Units: µg/Kg	Prep Date: 7/7/2015	RunNo: 101080						
Client ID: ZZZZZZ	Batch ID: 50827	TestNo: EPA 8270CSI	EPA 3550B	Analysis Date: 7/8/2015	SeqNo: 2034076						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Methylnaphthalene	54.297	5.0	133.2	3.992	37.8	27	112	49.42	9.41	20	
Acenaphthene	51.632	5.0	133.2	0	38.8	23	115	51.09	1.07	20	
Acenaphthylenne	37.308	5.0	133.2	0	28.0	14	128	45.41	19.6	20	
Anthracene	51.965	5.0	133.2	0	39.0	39	107	52.42	0.872	20	
Benz{o(a)}anthracene	86.276	5.0	133.2	3.327	62.3	28	130	86.81	0.619	20	
Benz{o(a)}pyrene	62.292	5.0	133.2	4.325	43.5	28	121	63.77	2.35	20	
Benz{o(b)}fluoranthene	103.598	5.0	133.2	0	77.8	29	146	101.8	1.71	20	
Benz{o(g,h,i)}perylene	12.325	5.0	133.2	1.331	8.25	26	115	15.36	21.9	20	S
Benz{o(k)}fluoranthene	67.288	5.0	133.2	0	50.5	25	148	65.44	2.78	20	
Chrysene	49.300	5.0	133.2	4.657	33.5	18	125	50.42	2.24	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out

E Value above quantitation range

R RPDLimit outside accepted recovery limits

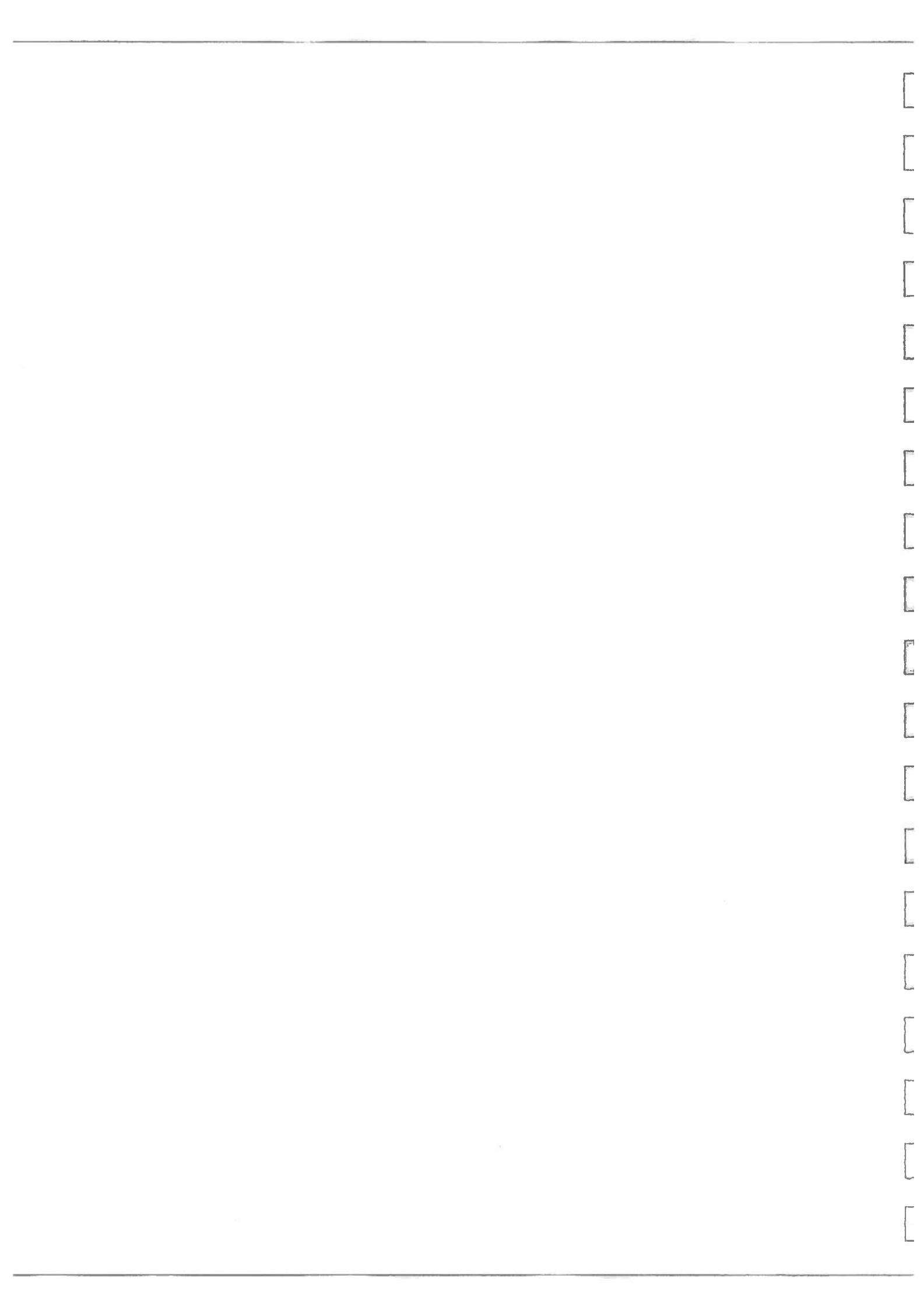
Calculations are based on raw values

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H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

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CLIENT: Mc.Ginley and Associates
Work Order: N016097
Project: BRN028, BRN028

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_SIM

Sample ID: N016097-005A-MSD	SampType: MSD	TestCode: 8270SOIL_SI	Units: µg/Kg	Prep Date: 7/7/2015	RunNo: 101080						
Client ID: ZZZZZZ	Batch ID: 50327	TestNo: EPA 8270CSI	EPA 3550B	Analysis Date: 7/8/2015	SeqNo: 2034076						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibenz(a,h)anthracene	17.655	5.0	133.2	0	13.3	29	121	20.03	12.6	20	S
Fluoranthene	61.626	5.0	133.2	7.651	40.5	21	140	64.44	4.47	20	
Fluorene	59.294	5.0	133.2	0	44.5	23	125	59.43	0.233	20	
Indeno(1,2,3-cd)pyrene	16.656	5.0	133.2	0	12.5	26	120	19.70	16.7	20	S
Naphthalene	47.635	5.0	133.2	0	35.8	28	98	38.73	20.6	20	R
Phenanthrene	53.298	5.0	133.2	2.994	37.8	17	133	54.76	2.70	20	
Pyrene	60.959	5.0	133.2	7.319	40.3	32	122	63.77	4.51	20	
Surf: 1,2-Dichlorobenzene-d4	9.660		33.28		29.0	20	112	0			
Surf: 2-Fluorobiphenyl	12.325		33.28		37.0	29	118	0			
Surf: 4-Terphenyl-d14	15.656		33.28		47.0	23	136	0			
Surf: Nitrobenzene-d5	15.989		33.28		48.0	28	122	0			

Qualifiers:

- B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

- E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

- H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

